

# Sections - 071000 / 071300 / 071353 / 071354 Aussie Skin<sup>®</sup> 550G

**Heavy Duty HDPE Below Grade** Waterproofing Membrane and Radon Barrier

Approved for Shot-Crete when applied over plywood, foam, drain board and lagging

Section 071000 / 071300 / 071353 / 071354 Sheet Applied Waterproofing

#### Product Name

Aussie Skin® 550G

#### AVM System No.

AVM System 550G

#### Bv

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

## **Product Description**

The AVM Aussie Skin 550G is a Heavy, Duty, Easy to Install, Puncture Resistant HDPE Sheet Waterproofing Membrane with advanced weather resistant dual factory laps, two release liners, a low reflectivity exposed surface, two non-factory lap options and additional technologies creating excellent adhesion between the membrane and wet Concrete or Shot-Crete. Once the Concrete or Shot-Crete is cured, the membrane will become fully bonded to the concrete surfaces eliminating any potential migration of water between itself and the concrete surfaces to which it is bonded.

#### Where to Use

Below-grade horizontal and vertical surfaces. Applications include underslab and property line walls, including soldier pile and lagging, metal sheet piling, shotcrete soil retention, and tunnels.

AVM Aussie Skin 550G may be applied either horizontally to smoothly prepared concrete substrates and/or compacted earth or crushed stone substrates. May also be applied vertically to permanent formwork such as lagging. Concrete is then cast directly against the adhesive side of the membrane.

Note: AVM Aussie Skin 550G is not suited to waterproof roofs or other internal wet areas.

#### **Application Method:**

Pre-Applied, loosely laid.

#### Warrantv

AVM Industries provides a standard five (5) year warranty. Ten (10) year warranties are also available. For complete warranty details, contact AVM Industries or consult with your applicator. Shot-Crete to conform to ACI 506 Standards.

## **Delivery, Storage, and Handling**

- a. Delivery of all the AVM Aussie Skin 550G materials to the job site must be in their original sealed containers, with manufacturer's name and label intact
- b. Handle and store containers in accordance with printed instructions. Shelf Life: One year from date of manufacture.



- c. Long term storage (more than a week): Store indoors at temperatures between 50°F and 90°F. On job sites, if product will be exposed to the weather for more than a week, best to cover with a tarp or other protection
- d. Failure to comply with the recommended storage conditions may affect product performance and/or void the warranty.
- e. Keep all materials out of the reach of children.
- If irritation occurs during use, liberally f. flush affected areas with water. If irritation continues, see a physician immediately.

#### **Project Conditions**

- All surfaces to which the Aussie Skin 550G is applied must be sound and stable, with an even finish and free from sharp protruding items, dust, loose debris, grease, curing agents, or anything else that might damage or prevent the proper installation of the membrane.
- The Aussie Skin may be applied at 2. temperatures as low as 20°F and as high as 110°F. For applications at temperatures between 20°F to 40°F, follow the cold weather installation procedures.
- 3. For best results, Aussie Skin should be installed in dry conditions. When installing in damp or wet conditions, additional steps are required. See Aussie Skin Installation Instructions for more info. (Note: Aussie Skin can be damp or wet when concrete is poured, as long as there is no ponding water on its surface.)
- 4 Warn personnel against hazards or hazardous conditions on the job that might require special protective gear and or any other special protective or safety procedures.
- 5. Protect adjacent surfaces which could be damaged during the application procedure.
- 6. This system must not be used to cover Expansion Joints.
- 7. In areas where formwork is to be removed (slab edges, footings, top of wall) for tie-in to post-applied waterproofing, the formwork shall remain in place for a minimum 72 hours after placement of concrete. Please contact AVM if form removal is scheduled sooner as this could affect the Aussie Skin's bond to the concrete.



**TECH DATA SHEET** 

## System Application

Read the AVM Aussie Skin 550G Training Manual/Installation Instructions Prior to Installation. Application instructions vary based on application surfaces, job conditions, temperatures, etc.

#### Quality Control

- a. Visually inspect all coated surfaces to ensure a full and proper application, especially at seams, corners, drainage footings, penetrations and other hard-toreach areas
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

#### Protection of Installed Work

- a. The membrane shall be protected until concrete is properly poured over it.
- b. Do not leave the membrane exposed for more than 60 days.
- c. Always protect the waterproofing from possible damage. If membrane becomes damaged, contact waterproofing installer or AVM before proceeding with pouring concrete.
- d. Once the Aussie Skin is installed (The seams have been bonded together), the Aussie Skin (including the seams) may be immediately exposed to both, rain or water. Aussie Seal M does not have to be fully cured before it's exposed to rain or water.

#### Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

#### Technical Services

Technical services are available by contacting our offices at: 888.414.1041 or 818.888.0050 or visit www.avmindustries.com

#### System Specifications

See next page.

PATENT PENDING: Some features of our product or assembly are protected under patent laws by one or more pending US patent(s).

## The following coverages are based on controlled tests. Actual coverages may vary.

Item/Component	Packaging	Approximate Shipping Weights	Qty per Pallet	voc
Aussie Skin 550G Membrane 1M (75 Mils)	3.28'x65.6' Roll (215 sq.ft.)	74.8 lbs. (34 kg) / Roll	25 Rolls/Pallet	N/A
Aussie Skin 550G Membrane 2M (75 Mils)	6.56'x65.6' Roll (430 sq.ft.)	149.6 lbs (68 kg) / Roll		N/A
Aussie Skin Detail Strip 550G	7.75"x65.6' Roll	30.8 lbs (14 kg) / Roll		N/A
Aussie Skin Detail Strip 560G	13.1"x65.6' Roll	11 Lbs / Roll		N/A
Aussie Skin Double Sided Tape 4"	4"x33' Roll	2.2 lbs / Roll		N/A
Aussie Skin Fabric Tape 4″	3.9"x49" Roll	2.4 lbs / Roll		N/A
Aussie Skin Sanded Tape 4"	3.9"x65.6' Roll	6 lbs / Roll		N/A

L021 Waterproofing Test Results	Test Results	Test Requirements	Test Method
Puncture Resistance	239 Lbf	Min 40 Lbs	ASTM E154
Hydrostatic Pressure Resistance	192 PSI	As Tested	ASTM D751
Lateral Water Migration Resistance	231 feet (71 M) of hydrostatic head pressure	Pass	ASTM D5385 Modified <sup>1</sup>
Resistance to Hydrostatic Head	231 feet (71M) of hydrostatic head pressure	Pass	ASTM D5385
Adhesion to Concrete and Masonry	10 Pounds	Min 5 Pounds	ASTM D903
Tension & Elongation: Machine Direction	1061 %	Min 250%	ASTM D412
Tension & Elongation: Cross Machine Direction	1050 %	Min 250%	ASTM D412
Tensile Strength	35.6 Mpa	As Tested	ASTM D412
Accelerated Aging	No considerable reduction in Tension and Elongation of Aged Specimens	Pass. No considerable reduction in either	ASTM G23 & G153
Resistance to Decay (Weight Loss)	0.8%	Max 10%	ASTM E154
Resistance to Decay (Permeance Loss)	0%	Max 10%	ASTM E154
Water Vapor Transmission	0.016 Perms	Max 0.1 Perms	ASTM E96
Water Vapor Transmission after Decay	0.016 Perms	Max 0.1 Perms	ASTM E96
Low temperature flexibility	Unaffected at -29°C	Not Listed	ASTM D1970
Shear strength of joints	14.5 (N/mm)	Not Listed	ASTM D1876
Water Absorption	0.059%	As Tested	ASTM D570

1. Lateral water migration resistance is tested by casting concrete and shot-crete against membrane with a hole and subjecting the membrane to hydrostatic head pressure with water. The test measures the resistance of lateral water migration between the concrete and the membrane. Tests were performed by an independent certified lab. (This test is in addition to the LO21 testing requirements)

VOC/Radon Test Results	Test Results	Test Requirements	Test Method
PCE Diffusion Coefficient (m²/s)	7.09E <sup>-13</sup>	Report Results	ASTM 96/96M-16
Radon Diffusion Coefficient D (m²/s)	7,1.10 <sup>-13</sup>	Report Results	ISO/TS 11665-13, Method A
Radon (Seam Overlap) Diffusion Coefficient D (m²/s)	5,3.10-13	Report Results	ISO/TS 11665-13, Method A

Shot-Crete Test Results	Test Method	Results	Requirements	
Installation over Plywood or directly on the Lagging				
Waterproof Integrity of Side (factory) Lap, overlap installed over 2" plywood joint with nails in laps	ASTM D 5385	Pass		
Waterproof Integrity of End (non-factory) Lap, overlap installed over 2" plywood joint	ASTM D 5385	Pass	No water leakage detected up to 100 PSI	
Waterproof Integrity of Side (factory) Lap, overlap installed over 2" plywood joint without nails in laps	ASTM D 5385	Pass		
Puncture Integrity at Screw Protrusion, Membrane installed over 1/4" protruding #8 bugle head wood screw	Visual Inspection	Pass	No puncture detected	
Installation over Lagging 0.5" EPS Insulation Board (Foam)				
Waterproof Integrity of Side (factory) Lap, overlap installed over EPS Foam Board located over 2" lagging joint with nails in laps	ASTM D 5385	Pass		
Waterproof Integrity of End (non-factory) Lap, overlap installed over EPS Foam Board located over 2" lagging joint	ASTM D 5385	Pass	<ul> <li>No water leakage</li> <li>detected up to 100 PSI</li> </ul>	
Waterproof Integrity of Side (non-factory) Lap, overlap installed over EPS Foam Board located over 2" lagging joint; Joint without nails in laps	ASTM D 5385	Pass		
Puncture Integrity at Nail Protrusion Membrane installed over 1/4" protruding nail with 7/32" dia. head	Visual Inspection	Pass	No puncture detected	
Installation over Drain Board				
Waterproof Integrity of Side (factory) Lap, overlap installed over Drain Board located over 2" lagging joint with nails in laps	ASTM D 5385	Pass		
Waterproof Integrity of End (non-factory) Lap, overlap installed over Drain Board located over 2" lagging joint	ASTM D 5385	Pass	<ul> <li>No water leakage</li> <li>detected up to 100 PSI</li> </ul>	
Waterproof Integrity of Side (non-factory) Lap, overlap installed over Drain Board located over 2" lagging joint; Joint without nails in laps	ASTM D 5385	Pass		
Puncture Integrity at Nail Protrusion Membrane installed over 1/4" protruding nail with 7/32" dia. head	Visual Inspection	Pass	No puncture detected	

Note: "Test Requirements" as listed in Los Angeles City Test Protocol L021, Acceptance Criteria for Below-Grade Exterior Damp-Proofing and Waterproofing Materials dated May 2004 And Los Angeles City Shot-Crete Test Protocol dated April 26, 2016.

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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# www.avmindustries.com

Aussie Skin® is a registered trademark of AVM Industries, Inc.



Section 071000 / 071300 / 071353 / 071354 Sheet Applied Waterproofing

#### Product Name

Aussie Skin® Detail Strip 550G

# By

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# **Product Description**

## AVM Aussie Skin Detail Strip 550G is a

narrow roll (7.75" wide) of the Aussie Skin (without sand) used for detailing corners and other small or hard to reach areas.

# Where to Use

Retaining Walls, Basements, Under-Slabs, Mud-Slabs, Tunnels, etc.:

**AVM Aussie Skin Detail Strip 550G** may be applied on both horizontal and vertical surfaces and is primarily used in detailing the Aussie Skin waterproofing system in corners, edges, penetrations, etc. For more information, refer to the Aussie Skin waterproofing system documentation.

## **Application Method:**

See Aussie Skin Installation Instructions

# Warranty

The **AVM Aussie Skin Detail Strip 550G** is part of the AVM Aussie Skin 550G Waterproofing System. Refer to the Aussie Skin warranty for details. Shot-Crete to conform to ACI 506 Standards

# Delivery, Storage, and Handling

- a. Delivery of all the **AVM Aussie Skin Detail Strip 550G** materials to the job site must be in their original sealed containers, with manufacturer's name and label intact.
- b. Handle and store containers in accordance with printed instructions. Shelf Life: One year from date of manufacture.
- c. Long term storage (more than a week): Store indoors at temperatures between 50°F and 90°F. On job sites, if product will be exposed to the weather for more than a week, best to cover with a tarp or other protection.
- d. Failure to comply with the recommended storage conditions may affect product performance and/or void the warranty.
- e. Keep all materials out of the reach of children.

# Sections - 071000 / 071300 / 071353 / 071354

**TECH DATA SHEET** 

# Aussie Skin® Detail Strip 550G

Heavy Duty Below Grade Waterproofing Membrane Detail Strip



f. If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

## **Project Conditions**

- All surfaces to which the Aussie Skin Detail Strip will be applied to must be sound and stable, with an even finish and free from sharp protruding items, dust, loose debris, grease, curing agents, or anything else that might damage or prevent the proper installation of the tape and/or result in improper installation of the membrane.
- 2. The Aussie Skin Detail Strip may be applied at temperatures as low as 20°F and as high as 110°F. For applications at temperatures between 20°F to 40°F, follow the cold weather installation procedures.
- 3. For best results, Detail Strip should be installed in dry conditions. When installing in damp or wet conditions, additional steps are required. See Aussie Skin Installation Instructions for more info.
- 4. Warn personnel against hazards or hazardous conditions on the job that might require special protective gear and or any other special protective or safety procedures.
- 5. Protect adjacent surfaces which could be damaged during the application procedure.
- 6. This system must not be used to cover Expansion Joints.

#### System Application

Read the AVM Aussie Skin Installation Instructions Prior to Installation. Application instructions vary based on application surfaces, job conditions, etc.

## **Quality Control**

- Visually inspect all coated surfaces to ensure a full and proper application, especially at seams, corners, drainage footings, penetrations and other hard-toreach areas.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

## **Protection of Installed Work**

- a. The membrane shall be protected until concrete is properly poured over it.
- b. Do not leave the membrane exposed for more than 60 days.
- c. Always protect the waterproofing from possible damage. If membrane became damaged, contact waterproofing installer or AVM before proceeding with pouring concrete.

## **Availability and Cost**

Contact AVM Industries or your approved applicator for pricing and availability.

#### **Technical Services**

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

## **System Specifications**

## The following coverages are based on controlled tests. Actual coverages may vary.

Item/Component	Packaging	Approximate Shipping Weights	Qty per Pallet	voc
Aussie Skin 550G Membrane 1M (75 Mils)	3.28'x65.6' Roll (215 sq.ft.)	74.8 lbs. (34 kg) / Roll	25 Rolls/Pallet	N/A
Aussie Skin 550G Membrane 2M (75 Mils)	6.56'x65.6' Roll (430 sq.ft.)	149.6 lbs (68 kg) / Roll		N/A
Aussie Skin Detail Strip 550G	7.75"x65.6' Roll	11 lbs / Roll		N/A
Aussie Skin Double Sided Tape 4"	4"x33' Roll	2.2 lbs / Roll		N/A
Aussie Skin Sanded Tape 4"	3.9"x65.6' Roll	6 lbs / Roll		N/A
Aussie Skin® Sanded Tape 4″	3.9"x65.6' Roll	6 lbs / Roll		N/A

L021 Waterproofing Test Results	Test Results	Test Requirements	Test Method
Puncture Resistance	239 Lbf	Min 40 Lbs	ASTM E154
Hydrostatic Pressure Resistance	192 PSI	As Tested	ASTM D751
Lateral Water Migration Resistance	231 feet (71 M) of hydrostatic head pressure	Pass	ASTM D5385 Modified 1
Resistance to Hydrostatic Head	231 feet (71 M) of hydrostatic head pressure	Pass	ASTM D5385
Adhesion to Concrete and Masonry	10 Pounds	Min 5 Pounds	ASTM D903
Tension & Elongation: Machine Direction	1061 %	Min 250%	ASTM D412
Tension & Elongation: Cross Machine Direction	1050 %	Min 250%	ASTM D412
Accelerated Aging	No considerable reduction in Tension and Elongation of Aged Specimens	Pass. No considerable reduction in either	ASTM G23 & G153
Resistance to Decay (Weight Loss)	0.8%	Max 10%	ASTM E154
Resistance to Decay (Permeance Loss)	O%	Max 10%	ASTM E154
Water Vapor Transmission	0.016 Perms	Max 0.1 Perms	ASTM E96
Water Vapor Transmission after Decay	0.016 Perms	Max 0.1 Perms	ASTM E96
Low temperature flexibility	Unaffected at -29°C	Not Listed	ASTM D1970
Shear strength of joints	14.5 (N/mm)	Not Listed	ASTM D1876
Water Absorption	0.059%	As Tested	ASTM D570
PCE Diffusion Coefficient	7.09E-13m²/s	Report Results	ASTM 96/96M-16

1. Lateral water migration resistance is tested by casting concrete and shot-crete against membrane with a hole and subjecting the membrane to hydrostatic head pressure with water. The test measures the resistance of lateral water migration between the concrete and the membrane. Tests were performed by an independent certified lab. (This test is in addition to the LO21 testing requirements)

Shot-Crete Test Results	Test Method	Results	Requirements	
Installation over Plywood or directly on the Lagging				
Waterproof Integrity of Side (factory) Lap, overlap installed over 2" plywood joint with nails in laps	ASTM D 5385	Pass		
Waterproof Integrity of End (non-factory) Lap, overlap installed over 2" plywood joint	ASTM D 5385	Pass	No water leakage detected up to 100 PSI	
Waterproof Integrity of Side (factory) Lap, overlap installed over 2" plywood joint without nails in laps	ASTM D 5385	Pass		
Puncture Integrity at Screw Protrusion, Membrane installed over 1/4" protruding #8 bugle head wood screw	Visual Inspection	Pass	No visual detection of puncture	
Installation over Lagging 0.5" EPS Insulation Board (Foam)				
Waterproof Integrity of Side (factory) Lap, overlap installed over EPS Foam Board located over 2" lagging joint with nails in laps	ASTM D 5385	Pass		
Waterproof Integrity of End (non-factory) Lap, overlap installed over EPS Foam Board located over 2" lagging joint	ASTM D 5385	Pass	No water leakage detected up to 100 PSI	
Waterproof Integrity of Side (non-factory) Lap, overlap installed over EPS Foam Board located over 2" lagging joint; Joint without nails in laps	ASTM D 5385	Pass		
Puncture Integrity at Nail Protrusion Membrane installed over 1/4" protruding nail with 7/32" dia. head	Visual Inspection	Pass	No visual detection of puncture	
Installation over Drain Board				
Waterproof Integrity of Side (factory) Lap, overlap installed over Drain Board located over 2" lagging joint with nails in laps	ASTM D 5385	Pass		
Waterproof Integrity of End (non-factory) Lap, overlap installed over Drain Board located over 2" lagging joint	ASTM D 5385	Pass	No water leakage detected up to 100 PSI	
Waterproof Integrity of Side (non-factory) Lap, overlap installed over Drain Board located over 2″ lagging joint; Joint without nails in laps	ASTM D 5385	Pass		
Puncture Integrity at Nail Protrusion Membrane installed over 1/4" protruding nail with 7/32" dia. head	Visual Inspection	Pass	No visual detection of puncture	

Note: "Test Requirements" as listed in Los Angeles City Test Protocol L021, Acceptance Criteria for Below-Grade Exterior Damp-Proofing and Waterproofing Materials dated May 2004 And Los Angeles City Shot-Crete Test Protocol dated April 26, 2016.

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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Sections - 071000 / 071300 / 071353 / 071354

# Aussie Skin<sup>®</sup> Double Sided Tape

Double Sided Tape for AVM Aussie Skin® Waterproofing System

Section 071000 / 071300 / 071353 / 071354 Heavy Duty Below Grade / Under-Slab Waterproofing Membrane

# Product Name

Aussie Skin® Double Sided Tape

## By

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# Product Description

#### The AVM Aussie Skin Double Sided Tape

is a Heavy Duty, Easy to Install, double sided tape used with the AVM Aussie Skin Waterproofing system.

## Where to Use

Retaining Walls, Basements, Under-Slabs, Mud-Slabs, Tunnels, etc.:

**AVM Aussie Skin Double Sided Tape** may be applied on both horizontal and vertical

Aussie Skin waterproofing applications and is also used in detailing the Aussie Skin waterproofing system in corners, edges, penetrations, etc. For more information, refer to the **AVM Aussie Skin** documentation.

## **Application Method:**

Pre-Applied to the **AVM Aussie Skin** sheets and also field applied as needed.

## Warranty

The AVM Aussie Skin Double Sided Tape is part of the AVM Aussie Skin Waterproofing System. Refer to the AVM Aussie Skin warranty for details.

## Delivery, Storage, and Handling

- a. Delivery of all the **AVM Aussie Skin Double Sided Tape** materials to the job site must be in their original sealed containers, with manufacturer's name and label intact.
- b. Handle and store containers in accordance with printed instructions.
- c. Shelf Life: One year from date of manufacture.
- d. Long term storage (more than a week): Store indoors at temperatures between 50°F and 90°F. On job sites, if product will be exposed to the weather for more than a week, best to cover with a tarp or other protection.



- Failure to comply with the recommended storage conditions may affect product performance and/or void the warranty.
- f. Keep all materials out of the reach of children.
- g. If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

## **Project Conditions**

- All surfaces to which the Aussie Skin 550 Double Sided Tape will be applied to must be sound and stable, with an even finish and free from sharp protruding items, dust, loose debris, grease, curing agents, or anything else that might damage or prevent the proper installation of the tape and/or result in improper installation of the membrane.
- The Aussie Skin Double Sided Tape may be applied at temperatures as low as 20°F and as high as 110°F. For applications at temperatures between 20°F to 40°F, follow the cold weather installation procedures.
- 3. All surfaces must be completely dry to ensure proper bonding of seams and tapes.
- Warn personnel against hazards or hazardous conditions on the job that might require special protective gear and or any other special protective or safety procedures.
- 5. Protect adjacent surfaces which could be damaged during the application procedure.
- 6. This system must not be used to cover Expansion Joints.

## **System Application**

Read the **AVM Aussie Skin 550G/560G Installation Instructions** prior to installation. Application instructions vary based on application surfaces, job conditions, temperatures, etc.



# **Quality Control**

- Visually inspect all coated surfaces to ensure a full and proper application, especially at seams, corners, drainage footings, penetrations and other hard-toreach areas.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

## **Protection of Installed Work**

- a. The membrane shall be protected until concrete is properly poured over it.
- ALL Double Sided tape must be covered with Aussie Skin the same day it's installed!
- c. Always protect the waterproofing from possible damage. If membrane becomes damaged, contact waterproofing installer or AVM before proceeding with pouring concrete.
- d. Once the Aussie Skin is installed (The seams have been bonded together), the Aussie Skin (including the seams) may be immediately exposed to both, rain or water. Aussie Sealant must be fully cured before it's exposed to rain or water.

## **Availability and Cost**

Contact AVM Industries or your approved applicator for pricing and availability.

## **Technical Services**

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

## **System Specifications**

# The following coverages are based on controlled tests. Actual coverages may vary.

Item/Component	Packaging	Approximate Shipping Weights	Qty per Pallet	voc
Aussie Skin <sup>®</sup> Double Sided Tape 4"	4"x33' Roll	2.2 Lbs / Roll		N/A

No.	ltem		Value
1	Permanence of Adhesives,		≥ 20
2	Thermal Resistance		70ºC 2h ,no displacement, flow or dropping
3	Low Temperature Flexibility		-25ºC, no cracking
4	Peeling strength (N/mm)	Aussie Skin Membranes	≥ 1.0
		Cement Mortar Board	≥ 0.6
		Steel	≥ 0.6
5	Retention rate of Peeling Strength (60°C /168h)	Aussie Skin Membranes	≥ 80
	(00-0710011)	Cement Mortar Board	≥ 80
		Steel	≥ 80
6	Retention rate of Peeling Strength (Ca(OH)2 /168h)	Aussie Skin Membranes	≥ 80
		Cement Mortar Board	≥ 80
		Steel	≥ 80
7	Retention rate of Peeling Strength (Submersion test/168h)	Aussie Skin Membranes	≥ 80
		Cement Mortar Board	≥ 80
		Steel	≥ 80

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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Section 071000 / 071300 / 071353 / 071354 Sheet Applied Waterproofing

#### Product Name

Aussie Skin® Sanded Tape

## By

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# **Product Description**

The **AVM Aussie Skin Sanded Tape** is an Easy to Install, sanded tape used with the AVM Aussie Skin Waterproofing system.

## Where to Use

Retaining Walls, Basements, Under-Slabs, Mud-Slabs, Tunnels, etc.:

AVM Aussie Skin Sanded Tape may be applied on both horizontal and vertical Aussie Skin waterproofing applications and is also used in detailing the Aussie Skin waterproofing system in corners, edges, penetrations, un-sanded exposed areas etc. For more information, refer to the AVM Aussie Skin Installation Instructions.

## **Application Method:**

Field-Applied to the **AVM Aussie Skin** sheets as needed.

#### Warranty

The AVM Aussie Skin Sanded Tape is part of the AVM Aussie Skin Waterproofing System. Refer to the Aussie Skin Installation Instructions for details.

## Delivery, Storage, and Handling

- Delivery of all the AVM Aussie Skin Sanded Tape materials to the job site must be in their original sealed packaging, with manufacturer's name and label intact.
- Handle and store containers in accordance with printed instructions. Shelf Life: One year from date of manufacture.
- c. Long term storage (more than a week): Store indoors at temperatures between 50°F and 90°F. On job sites, if product will be exposed to the weather for more than a week, best to cover with a tarp or other protection.
- Failure to comply with the recommended storage conditions may affect product performance and/or void the warranty
- e. Keep all materials out of the reach of children.
- f. If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

# Aussie Skin® Sanded Tape

Sanded Tape for AVM Aussie Skin® Waterproofing System



## **Project Conditions**

- 1. All surfaces to which the **Aussie Skin Sanded Tape** is applied must be sound and stable, with an even finish and free from sharp protruding items, dust, loose debris, grease, curing agents, or anything else that might damage or prevent the proper installation of the membrane.
- 2. The Aussie Skin Sanded Tape may be applied at temperatures as low as 20°F and as high as 110°F. For applications at temperatures between 20°F to 40°F, follow the cold weather installation procedures.
- 3. All surfaces must be completely dry to ensure proper bonding of seams and tapes.
- Warn personnel against hazards or hazardous conditions on the job that might require special protective gear and or any other special protective or safety procedures.
- 5. Protect adjacent surfaces which could be damaged during the application procedure.
- 6. This system must not be used to cover Expansion Joints..

## System Application

Read the **AVM Aussie Skin Installation Instructions** prior to installation. Application instructions vary based on application surfaces, job conditions, etc.

## **Quality Control**

- Visually inspect all coated surfaces to ensure a full and proper application, especially at seams, corners, drainage footings, penetrations and other hard-toreach areas.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

## **Protection of Installed Work**

- a. The membrane shall be protected until concrete is properly poured over it.
- b. Do not leave the membrane exposed for more than 60 days.
- c. Always protect the waterproofing from possible damage. If membrane became damaged, contact waterproofing installer or AVM before proceeding with pouring concrete.
- d. Once the Aussie Skin is installed (The seams have been bonded together), the Aussie Skin (including the seams) may be immediately exposed to both, rain or water. Aussie Sealant must be fully cured before it's exposed to rain or water.

## Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

#### **Technical Services**

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

## **System Specifications**

See next page.

# **TECH DATA SHEET** Sections - 071000 / 071300 / 071353 / 071354

# The following coverages are based on controlled tests. Actual coverages may vary.

Item/Component	Packaging	Approximate Shipping Weights	Qty per Pallet	voc
Aussie Skin® Sanded Tape 4"	3.9"x65.6' Roll	6 Lbs / Roll		N/A

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050

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Aussie Skin® is a registered trademark of AVM Industries, Inc.

**TECH DATA SHEET** 

Sections 031100 / 031500 / 031513.16



# AVM Aussie Swell<sup>®</sup> Red (The Red Waterstop) Expandable Waterstop

AVM System 940, Aussie Swell' Red, Expandable Bentonite Waterstop

Sections Section 031100 / 031500 / 031513.16 Expandable Waterstop

#### **Product Name**

AVM Aussie Swell® Red

## Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# **Product Description**

Aussie Swell Red is a hydrophilic strip waterstop and that is a formulated blend of sodium bentonite & butvl rubber. Aussie Swell Red is an active waterstop which reacts with water to seal construction joints within concrete. The seal resists hydrostatic pressure, stopping the passage of water through the joint. Due to the sodium bentonite content, on contact with water, Aussie Swell Red will swell (expand) within its confinement, self-injecting into localized voids & minor fissures. Aussie Swell Red is an active waterstop designed to replace passive PVC/Rubber waterbars, without the need for pre-formed intersections, split forming or seam welding

## Where to Use

Aussie Swell Red can be applied to concrete, steel or pipe (PVC). Coil ends are butt jointed (not overlapped) to form a continuous waterstop. Use in concrete joints, pipe penetrations, wall-to-floor joints, irregular surfaces, etc.

## Advantages

- Non-dimensional swell allows complete injection to surrounding voids.
- Conformable can be applied to a range of irregular substrates.
- Resists in excess of 6 bar (60m) hydrostatic pressure.
- Swells many times more than its dry volume to form impenetrable gel.
- Simple butt jointing on site application.
- Reproducible swell after wet-dry cycle.
- Unaffected by freeze/thaw cycling.



# Limitations

- Aussie Swell Red is not designed to function in movement/expansion joints.
- Aussie Swell Red is designed for minimum 2000 PSI reinforced concrete. Furthermore, it requires confinement and it must be covered by minimum 3" concrete on all sides.
- Aussie Swell Red should not be subjected to submersion or remain in contact with water prior to concrete pour. If the product exhibits any considerable swell prior to concrete pour it must be replaced.
- In conditions where sever ground water or chemical contamination exists or is expected consult manufacture for approval

# Warranty

AVM's Standard 5-year material warranty applies. Contact AVM for warranty information.

## Delivery, Storage, and Handling

- Delivery of all the Aussie Swell Red<sup>\*</sup> components to the job site must be in their original sealed packaging, with manufacturer's name and label intact.
- b. Store indoors in a cool DRY place (away from heat or moisture) at temperatures between 50°F and 90°F. Do not store materials in direct sunlight or where they may be damaged by water or rain.
- c. Keep all materials out of the reach of children.

# **Project Conditions**

 Do not apply materials at temperatures below 20°F, or above 110°F if applying in direct sun light.

# System Application

Use AVM's Aussie Seal M as the adhesive to install the Aussie Swell Red waterstop. Refer to the Aussie Swell Red Installation instructions, for detailed Installation procedures.

# **Quality Control**

Visually inspect the installed Aussie Swell Red product to ensure it is properly adhered to substrate and that it has not been subjected to premature hydration. Consult with manufacturer if you have any questions.

## **Protection of Installed Work**

The completed Aussie Swell Red system shall be protected until concrete is poured over it. Maximum exposure to UV is 30 days.

## Availability and Cost

Contact an AVM authorized distributor for availability and pricing.

## **Technical Services**

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

## **System Specifications**

# The following coverages are based on controlled tests. Actual coverages may vary.

					Weights		
Item/Component	Item Size	Qty / Box	Qty per Pallet	Each	Вох	Pallet	voc
Aussie Swell Red Coil	16.4 LF (5M)	6 Coils	216 Coils (36 Boxes)	8.58 lb	53.7 lbs	1937 lbs	N/A
Aussie Seal M Cartridge	10.1 oz (300 ml)	12 Cartridges	105 Boxes / 1260 Cartridges	1.0 lb	12.2 lbs	1281 lbs	15 g/l
Aussie Seal M Sausage	20 oz (600 ml)	12 Sausages	45 Boxes / 540 Sausages	2.0 lb	24.4 lbs	1098 lbs	15 g/l

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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# **TECH DATA SHEET**

Section - 036400



#### Section 036400 Injection Grouting

#### Product Name

AVM Aussie Tube®

#### Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

## **Product Description**

The AVM Aussie Tube is an Injection Tubing System designed for injecting grout into concrete walls, cold-joints and other critical areas.

#### Where to Use

The Aussie Tube is typically installed at cold joints, walls with blind-side waterproofing systems, concrete joints, penetrations, etc. The Aussie Tube is installed during the rebar installation phase and will remain embedded in the concrete in critical areas where grout will be injected into at a later date.

#### Warranty

All information is given in good faith and without any warranty. The application, use and processing of these products are beyond our control and therefore entirely your responsibility. Established liability if any, through bad application or any other reason, for any damages, is always limited to the value of the Aussie Tube goods supplied to that project.

#### **Delivery, Storage, and Handling**

- Delivery of all the Aussie Tube<sup>\*</sup> components to the job site must be in their original sealed packaging, with manufacturer's name and label intact.
- b. Store in a cool dark place at temperatures between 50°F and 90°F. Do not store materials in direct sunlight or where they may be damaged by water or rain.
- c. Keep all materials out of the reach of children.

## **Project Conditions**

Do not apply materials at temperatures below 20°F, or above 110°F if applying in direct sunlight.

#### System Application

Install the Aussie Tube Injection System in accordance with AVM's Installation Instructions.

#### **Preparation of Substrates**

Concrete surfaces must be structurally sound, clean, dry, free of contamination, without sharp edges that could cut or damage the tubing system.



AVM System 950, Aussie Tube<sup>®</sup> Injection Grouting System

#### Aussie Tube Components: (100 ft kit)

AVM Aussie Tube

- Aussie Tube (Injection Tube) Black expanded PE Foam with a special waterrepellent coating. Comes in 100' rolls as part of a 100' kit or in bulk rolls of 820 feet (250m).
- Aussie Tube Feeder Hose Clear plastic Feeder Hose
- Aussie Tube Elbow Quick Connect elbow connector
- Hose Clamps Clamps to secure both tubes.
- Aussie Tube Plugs (Optional) End caps to close Aussie Feeder Tube.

#### Installation (See diagrams below)

- 1. Cut the Aussie Tube to the desired length.
- 2. Cut two pieces of Feeder Hose (approx. 12" - 18" each)
- 3. Lay out the Aussie Tube in the desired location.
- 4. Connect the Aussie Tube to the Quick Connect Elbow by forcing it into the elbow all the way in.
- 5. Connect the Feeder Tube to the Quick Connect Elbow by forcing it into the elbow all the way in.
- 6. Secure the entire assembly to the footing with the clamps every 2 feet as shown on the diagram.
- 7. Plug the Feeder Tube ends with the Plugs or seal the edges with Duct Tape.
- 8. Install the next Aussie Tube run with a minimum 6" overlap. (As shown in the diagram

## Quality Control

- Visually inspect all the Aussie Tube Injection System components to ensure proper and secure installation.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

#### **Protection of Installed Work**

The completed Aussie Tube system shall be protected until concrete is poured over it. Maximum exposure to UV is 30 days.

#### Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

#### **Technical Services**

Technical services are available by contacting our offices at: 888.414.1041 or 818.888.0050 or visit www.avmindustries.com

#### System Specifications



## The following coverages are based on controlled tests. Actual coverages may vary.

Aussie Tube (Injection Tub	e) 100% polyethylene (imperishable) and equipped with a special water-repellent coating
Diameter	Internal: 1/4 inch / External: 1/2 inch
Wall thickness	1/8 inch
Length	Max. 30 feet per run / Sold in 100' kits and bulk
Weight	6 lbs. per kit
Temperature range	Max 170 °F
Compression resistance	60 Foot of Concrete
Flow rate	Approx. 7 Gal/HR/FT (depending on the viscosity of the resin)
Color	Black

The Aussie Tube is made from Expanded PE Foam with porous structure with cells that form a zigzag passage. The cells open under pressure of the injected resin. The special water-repellent coating prevents the penetration of concrete milk into the tube's pores. The injection hose allows an optimal and uniform spread of the resin, which will be pre-injected upon concrete cure or injected in a later stage in case of leakages.

Aussie Tube is ideal for the injection of the following resins:

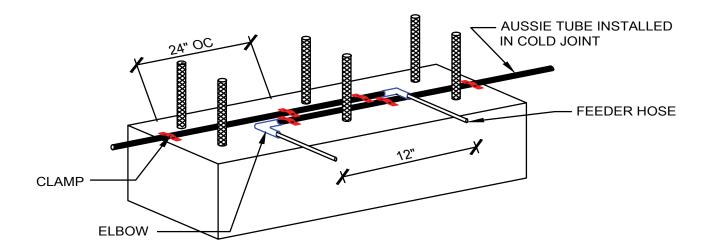
- Polyurethane Chemical Grouts
- Acrylate Injection Resins
- For other injection resins, consult our technical service specialist

Aussie Tube Feeder Hose	
Material	Crystal-clear, transparent PVC hose with woven polyester fibres
Length	Depending on the thickness of the concrete wall
Concrete height	Max. 50 feet
Temperature range	Up to 60°C / 140°F

The Feeder Hose forms the end of the Aussie Tube system, which extends out of the form work. At the end of this hose an injection nipple can be connected later on for the injection process.

#### Aussie Tube (Quick Connect) Elbow

This snap on connection forms the union piece between the Aussie Tube (injection tube) and the Feeder Hose. The Aussie Tube and the Feeder Hose are fastened by a simple push and pull movement in the 90° Elbow.



For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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# **TECH DATA SHEET**

Sections-071000



# Aussie Seal<sup>®</sup> M Marine-Grade Sealant/Adhesive

Sections 071000 Fluid Applied Waterproofing

#### Product Name

Aussie Seal<sup>®</sup> M

## Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# **Product Description**

Aussie Seal<sup>®</sup> M is an extra heavy duty, easy to install, Marine-Grade moisture cure polyether Sealant / Adhesive formulated for applications above the water line or after curing below the water line and in areas where solvent based materials are not tolerated. Aussie Seal® M is solvent free and contains no isocyanates. It will not shrink upon curing, will not discolor when exposed to U.V., and will not "out-gas" or bubble on damp surfaces as urethane sealants often do. The sealant has resilient elastomeric properties and excellent adhesion to most substrates. It can be used effectively in many difficult conditions, cures rapidly in dry or wet climates, (including under freshly poured concrete) and low temperatures compared to urethane based materials.

# Where to Use

As a stand-alone sealant or adhesive or in conjunction with many types of waterproofing systems including Below grade bituminous and polyurethane membranes, HDPE Membranes, Acrylic and Urethane Deck Coatings, etc. **Aussie Seal\* M** was specifically designed to be used with AVM's waterproofing systems including AVM System 100, Elasto Fiberdeck<sup>®</sup>, AVM System 100 Forevercoat<sup>®</sup>, Aussie Membrane<sup>®</sup> 500, Aussie Membrane<sup>®</sup> 502, Aussie Skin<sup>®</sup> 550, Aussie Hot Rubber 570, Aussie Mate<sup>®</sup> 580-AL, AVM System 650, AVM System 680, AVM System 700 and AVM System 750.

Aussie Seal\* M may be applied to many substrates including galvanized and bondarized metal, steel, aluminum, copper, cast iron, PVC and ABS pipes, acrylic coatings, polyurethane coatings, HDPE (Aussie Skin sand side and HDPE side), bitumen (Aussie Membranes 500/502), to the aluminum side of Aussie Mate\* 580-AL, wood, glass and many other common substrates.

# Substrate Preparation:

Bonding surfaces must be clean, dry and free of oxidation, mill oils, wax, and release agents that may interfere with adhesion. Dry and fully cure painted surfaces before bonding. Alcohol and ammonia water are effective cleaners for surface preparation. Abraded or irregular surfaces are acceptable bonding surfaces but must be clean and sound.

## **Application Method:**

Aussie Seal<sup>®</sup> M is a gun grade material that is applied from caulking guns, high viscosity pump guns, or automated bead application equipment. This product sets rapidly upon exposure to moisture. Open containers must be quickly protected from atmospheric moisture. Mask off areas that must be protected from adhesives. Allow the assembly to cure for 30 minutes to an hour before handling or machining. When bonding two impermeable materials, brief separation and reassembly of the bonding surfaces to expose the adhesive to atmospheric moisture will often accelerate the cure. In extremely dry environments, local humidification may be needed to initiate curing. Low temperature will retard the cure reaction and heat will accelerate the cure reaction. Optimum application temperatures are between 60°F to 100°F (16°C to 38°C). Sealant can be applied at temperatures as low as 20°F (-7°C). For applications below 20°F, refer to cold weather application procedures below.

**Aussie Seal\* M** is a moisture cure sealant that in most cases can be installed in wet or damp environments. Typical cure time is 12-24 hours depending on thickness of sealant and environmental conditions. Do not subject the un-cured sealant to hydrostatic conditions. However, in some cases, it may be allowed. Contact your AVM rep for details. Cold Weather Application (20°F - 50°F) -Keep the sealant warm prior to use. (Store in a warm room or tent at 70°F) Apply the sealant while still warm. If needed, use a heat gun to blow hot air to pre-heat the substrates. Check for proper adhesion once installed.. In very cold weather this may take 14+ days.

If your project requirements do not conform to the above requirements, please contact your local AVM rep for further instructions.

## Warranty

AVM warrants Aussie Seal® M's performance, provided it is properly stored and applied within 1 year. If Aussie Seal® M is proved to be defective, return remaining product and purchase receipt for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects or failure of this product. User must read and follow the direction of the current Technical Data Sheet and SDS prior to product use. User determines suitability of product for intended use and assumes all risks. AVM shall not be liable for damages (including consequential or incidental damages) in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. This warranty is in lieu of all other warranties, written or oral, statutory, express or implied including any warranty of merchantability or fitness for a particular purpose; except for the above express warranty given by AVM, the product is sold with all faults. AVM shall not be responsible for the use of this product in a manner to infringe on any patent or any other intellectual property rights held by others. For additional warranty claim information. call 818-888-0050.

#### Delivery, Storage, and Handling

- a. Delivery of all the **Aussie Seal**\* **M** materials to the job site must be in their original sealed containers, with manufacturer's name and label intact.
- b. Shelf Life: Twelve months from date of manufacture when stored at 70°F / 21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life. Pails have a shelf life of six months.
- c. Store at temperatures between 50°F and 75°F. Do not store materials in direct sunlight or where they may be damaged by water or rain.
- d. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.
- e. Keep all materials out of the reach of children.

# **Quality Control**

- a. Visually inspect all coated surfaces to ensure a full and proper application, especially at penetrations, seams, corners, drainage footings and other hard-to-reach areas.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

#### **Availability and Cost**

The following coverages are based on controlled tests. Actual coverages may vary.

Contact AVM Industries or your approved applicator for pricing and availability.

#### **Technical Services**

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

Technical Information		
Viscosity	1,200,000 +/- 400,000 cp at 72°F 22°C)	Brookfield RVF, TF spindle, 4 RPM
Density	11.8 +/- 0.2 lbs per gallon	ASTM D1475
Tack Free Time	20 +/- 10 min	45 +/- 5 % R.H.
Elongation at Break	275 - 325%	ASTM D412
Tensil Strength	325 - 375 psi	ASTM D412
Hardness Shore A	38 - 42	ASTM C661
Low Temp. Flex	-10°F (-23°C) Pass1/4 inch mandrel	ASTM D816
VOC Content	Less than 15 g/l	ASTM D2369
Shrinkage	No visible shrinkage after 14 days	
Service Temp.	-40°F to 200°F / -40°C to 93°C	

20 oz Sausages, 5 gallon pails and 50 gallon drums are available by special order. Standard color is gray. White or Black are available by special order.

All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.avmindustries.com for the Safety Data Sheet and pertinent documentation.

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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2/2





Sections - 334100, 334113, 334143, 334133



# **AVM Bottom Drain**

Foundation Wall Drainage System

# Sections 334100, 334113, 334143, 334133 Prefabricated Drainage System

# **Product Name**

AVM Bottom Drain

## Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

## **Product Description**

The first truly modular drainage and water collection system for:

- Basements
- Foundations Walls
- Retaining Walls

## **AVM Bottom Drain**

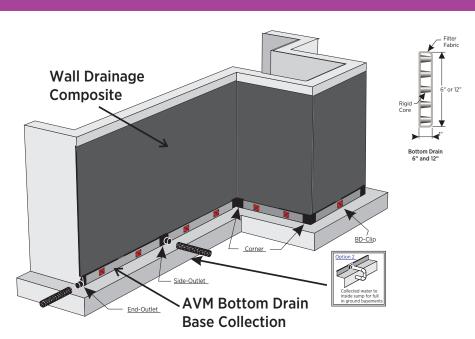
AVM Bottom Drain is a modular composite drainage and collection system consisting of a 3-dimensional, high-flow, drainage core which is wrapped with a non-woven filter fabric. It is designed to replace a conventional sand or gravel covered pipe drain around building foundations and retaining walls. Soil particles are held back by the filter fabric allowing water to pass through to the drain core for easy removal by sump or by running to daylight. Available in 6 inch and 12 inch widths. A full array of fittings are available in the system to allow for a fast and easy installation. BD-Clips are used to hold the Bottom Drain vertically against the foundation wall for a secure hold and BD-Tape is used to attach all Bottom Drain fittings.

#### Where to Use

- Eliminates pipe & gravel
- Saves time and labor
- Lightweight and
- Easy to install
- Cost effective
- Code approvals

#### Installation Instructions:

- 1. Apply waterproofing system to wall.
- 2. Determine location of fittings for base part. Cut Bottom Drain to proper length between fittings. (Allow for extra length for insertion into fittings) Insert Bottom Drain completely into fittings. Tape fittings with BD-Tape.
- Bond fittings and Bottom Drain to base of wall with either Aussie Seal M, waterproofing mastic, panel adhesive, insulation board adhesive, or BD-Clips.
- 4. Connect base fittings to 4" corrugated plastic drain pipe and run to sump or daylight. Special care should be taken to properly compact soil under drain pipe to prevent settling of drain pipe.
- 5. Backfill and compact soil.



## **Project Conditions**

- 1. All surfaces to which the Drainage Boards are applied to must be clean, sound and stable enough to properly attach and hold onto the drain boards being installed.
- Warn personnel against hazards of working with this product. Sharp edges, weight, etc. Note other hazardous conditions on the job that might require special attention or extra protective gear and or any other special protective or safety procedures.
- Protect adjacent surfaces which could be damaged during the application procedure.

#### **Inspection of Substrates**

- 1. Verify 1% slope to underslab collection pipes or site water drainage system at underslab drainage system location substrate.
- Examine conditions and substrates where products specified in this section are installed; submit written notification of unacceptable conditions or substrates.

#### **System Application**

Refer to installation instructions.

#### **Quality Control**

- a. Visually inspect all Bottom Drain components to ensure a full and proper system installation.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

## Delivery, Storage, and Handling

- Packing and shipping: Provide materials in original unopened containers with manufacturer's labels intact and legible.
- b. Acceptance at site:
  - 1. Unload materials: check for damage.
  - 2. Damaged materials determined by visual inspection will not be accepted.
  - 3. Remove rejected materials from site immediately.
- c. Storage and protection:
  - Store materials in dry area in manufacturer's protective packaging with labels and installation instructions intact.
  - 2. Store materials under cover, off ground; protect from sunlight.

#### **Protection of Installed Work**

Always protect the waterproofing and drainage system until fully covered with dirt, concrete, shot-crete, etc.

## **Availability and Cost**

Contact AVM Industries or your approved applicator for pricing and availability.

#### **Technical Services**

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

#### **System Specifications**

# **Physical Properties**

Core	
Compressive Strength (ASTM D-1621)	9,500 psf (455 kNm²)
Thickness (ASTM D-1777)	1" (2.54 mm)
Flow (Hydraulic gradient = 1) (ASTM D-4716)	30 g/min/ft (372 L/min/m)

Fabric	
Flow (ASTM D-4491)	140 gal/min/ft² (5704 L/min/m²)
Puncture (ASTM D-6241)	250 lbs. (1.11 kN)
AOS (ASTM D-4751)	70 U.S. Sieve (.212 mm)
Grab Tensile (ASTM D-4632)	100 lbs. (.45 kN)

General Characteristics				
Roll Length	Roll Width	Roll Weight (approx. lbs.)		
165 ft. (50.29 m)	6" (15 cm)	35.0 (16.7 kg)		
165 ft. (50.29 m)	12" (30 cm)	65.0 (29.2 kg)		

6" & 12" End Outlet



6" & 12" Corner



6" Only Endcap



6" Only Step Down



Corner Fitting



6" & 12" Side Outlet



End Outlet Fitting



6" & 12" Splice

Bd-Clips



Step Down Fitting









Notes:

The information contained herein is believed by AVM Industries, Inc. to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user. AVM's Limited Warranty apply. See www. avmindustries.com for more info. Limitations: Bottom Drain is resistant to chemicals in normal soil environments. However, some reagents may affect the performance of the Bottom Drain. An AVM representative should be contacted for further information to determine the suitability of use of Bottom Drain in unusual soil environments. Bottom Drain should be limited to its exposure to ultra-violet sunlight. Bottom Drain should be backfilled or covered within seven days of installation. Disclaimer: All information, drawings and specifications are based on the latest published information at the time of printing. AVM reserves the right to make changes due to manufacturing improvements and engineering at any time. All physical properties are minimum average roll values (MARV). Standard variations of 10% in mechanical properties and 15% in hydraulic properties are normal.

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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# **Quality Waterproofing Products**



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Sections 334600 / 334613 / 334616 / 334619 / 334633

Prefabricated Drainage Composites

## Product Name

AVM Drain Board 6000/6020

#### Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

#### **Product Description**

Provides protection for waterproofing systems and managing subsurface water around building foundations. Soil backfill is retained while allowing water to pass into the drainage system providing hydrostatic relief. Collected water is then conveyed to AVM Bottom Drain 6" or AVM Bottom Drain 12", or other collection systems.

Consists of an impermeable polymeric sheet cuspated under heat and pressure to form a high flow dimpled drainage core. The core is then bonded to a layer of nonwoven filter fabric. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core.

## Where to Use

AVM Drain Board 6000/6200 is ideal for use with foundation walls, retaining walls, planters, roof gardens, bridge abutments, and under slabs.

#### AVM Drain Board 6000 / 6020

Maintains a very high flow rate while providing a higher compressive strength for greater depths. A very popular choice for vertical and horizontal single sided drainage applications. Moderate duty.

#### AVM Drain Board 6000XL / 6020XL\*

Designed for extra heavy duty vertical and horizontal applications that demand greater compressive strength and improved filtration for challenging soil conditions. Heavier duty drain core & fabric.

\* 6020 and 6020XL are identical to 6000 and 600XL with the addition of a membrane protective film on the back side.

# **TECH DATA SHEET** Sections - 334600 / 334613 / 334616 / 334619 / 334633

# AVM Drain Board 6000/6020

Prefabricated Drainage Composites

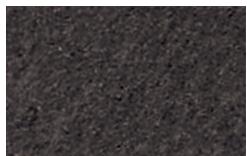


## Delivery, Storage, and Handling

- Packing and shipping: Provide materials in original unopened containers with manufacturer's labels intact and legible.
- b. Acceptance at site:
  - 1. Unload materials: check for damage.
  - 2. Damaged materials determined by visual inspection will not be accepted.
  - 3. Remove rejected materials from site immediately.
- b. Storage and protection:
  - Store materials in dry area in manufacturer's protective packaging with labels and installation instructions intact.
  - 2. Store materials under cover, off ground; protect from sunlight.
  - 3. Transmissivity or Flow Q with hydraulic gradient of 1 with confining stress indicated in MANUFACTURED UNITS Article in accord with ASTM D4716-01

#### **Project Conditions**

- 1. All surfaces to which the Drainage Boards are applied to must be clean, sound and stable enough to properly attach and hold onto the drain boards being installed.
- Warn personnel against hazards of working with this product. Sharp edges, weight, etc. Note other hazardous conditions on the job that might require special attention or extra protective gear and or any other special protective or safety procedures.
- 3. Protect adjacent surfaces which could be damaged during the application procedure.



#### Inspection of Substrates

- 1. Verify 1% slope to underslab collection pipes or site water drainage system at underslab drainage system location substrate.
- 2. Examine conditions and substrates where products specified in this section are installed; submit written notification of unacceptable conditions or substrates.

#### System Application

Refer to installation instructions.

#### **Quality Control**

- Visually inspect all drain board surfaces to ensure a full and proper drain board system application, especially at corners, drainage footings and other hard-to-reach areas.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

## **Protection of Installed Work**

Always protect the waterproofing and drainage system until fully covered with dirt, concrete, shot-crete, etc.

## **Availability and Cost**

Contact AVM Industries or your approved applicator for pricing and availability.

#### **Technical Services**

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

#### **System Specifications**

# **Physical Properties**

Core	6000/6020	6000XL/6020XL	Fabric	6000/6020	6000XL/6020XL
Compressive Strength (ASTM D-1621)	15,000 psf (719 kNm²)	16,500 psf (790 kNm²)	Flow (ASTM D-4491)	140 gal/min/ft <sup>22</sup> (5704 L/min/m <sup>2</sup> )	110 gal/min/ft² (4482 L/min/m²)
Thickness (ASTM D-1777)	.40" (10.16 mm)	.40" (10.16 mm)	Puncture (ASTM D-4833)	65 lbs. (.30 kN)	95 lbs. (.42 kN)
Flow (Hydraulic gradient = 1) (ASTM D-4716)	21 g/min/ft (260 L/min/m)	21 g/min/ft (260 L/min/m)	AOS (EOS)	70 U.S. Sieve (.212 mm)	70 U.S. Sieve (.212 mm)
			Grab Tensile (ASTM D-4632)	100 lbs. (.45 kN)	160 lbs. (.71 kN)

# **General Characteristics Roll Length** Roll Width

Roll Length	Roll Width		Roll Weight	(approx. lbs.)	
		6000	6020	6000XL	6020XL
50 ft. (15.24 m)	4.0 ft. (1.22 m)	39.0	40.5	45.0	46.5
50 ft. (15.24 m)	6.5 ft. (1.98 m)	63.0	65.5	73.0	75.5
50 ft. (15.24 m)	8.0 ft. (2.43 m)	82.0	85.0	95.0	98.0

**Quality Waterproofing Products** 

Notes:

AVM Drain Board 6000 in 4' and 6.5' widths are stocked items.

All other drain board versions are "Special Order" items. Allow 2 weeks lead time for special order items.

For pricing and availability of special order items, please contact AVM Industries or your local distributor.

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050

# www.avmindustries.com



# TECH DATA SHEET



Sections - 071000 / 071300 / 071353 / 071354

# **AVM Tie Back Cover 4**"

## Sections 036000 / 036400

Tie Back Cover 4"

# **Product Name**

Tie Back Cover 4"

# Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# **Product Description**

Heavy Duty Plastic Tie Back Cover with a 4" tall dome for covering tie-back bolts and other anchoring devices in below grade blind side waterproofing applications.

## Where to Use

On blind side walls such as wood lagging or other soil stabilization systems.

# **Application Method**

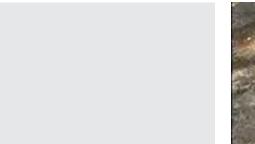
Use nails, screws, or fasteners to attach plastic Tie Back covers to the walls.

# Warranty

This item is an accessory to our blind side waterproofing systems. Refer to each system's warranty for details.

## Delivery, Storage, and Handling

- a. Delivery of all the tie back covers to the job site must be in their original sealed packaging, with manufacturer's name and label intact.
- b. Handle and store materials in accordance with printed instructions.
- c. Shelf Life: unlimited as long as plastic tie back covers are in good physical condition and not brittle, cracked, chipped or broken.
- d. Store indoors at temperatures between 50°F and 90°F. Do not store materials in direct sunlight.
- e. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.
- f. Keep all materials out of the reach of children.



# **Project Conditions**

- All surfaces to which the tie back covers will be attached must be sound and stable, with an even finish and free from sharp protruding items, loose debris, grease, curing agents, or anything else that might damage or prevent the proper installation of the tie back cover of the waterproofing membrane later on.
- Tie back covers may be applied in any weather conditions if it is safe to do so. In very cold weather, plastic may become brittle, so only use screws and screw them in gently.
- 3. Wear safety glasses when installing tie back covers. Warn personnel against hazards or hazardous conditions on the job that might require special protective gear and or any other special protective or safety procedures.
- 4. Protect adjacent surfaces which could be damaged during the installation procedure.

## Installation

Securely fasten the Tie Back Covers to the lagging or other support structures using nails, screws or fasteners. Install nails, screws or fasteners gently especially in cold weather. (Plastic is more brittle and more susceptible to cracking or breaking when installed in cold weather)

# **Quality Control**

- a. Visually inspect all tie back covers to ensure they are undamaged and are securely attached to the substrate.
- b. If not, reinstall or replace tie back covers as necessary prior to final acceptance.



# **Protection of Installed Work**

- The Tie Back Covers shall be protected until concrete is properly poured over them.
- b. Do not leave tie back covers exposed to U.V. for more than 60 days. If longer exposure times are required, temporarily cover them with dark plastic or other means that will block out the U.V.
- c. Always protect the Tie Back Covers from possible damage. If Tie Back Covers are damaged, contact the waterproofing installer or AVM before proceeding with pouring concrete or applying the membrane.

## Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

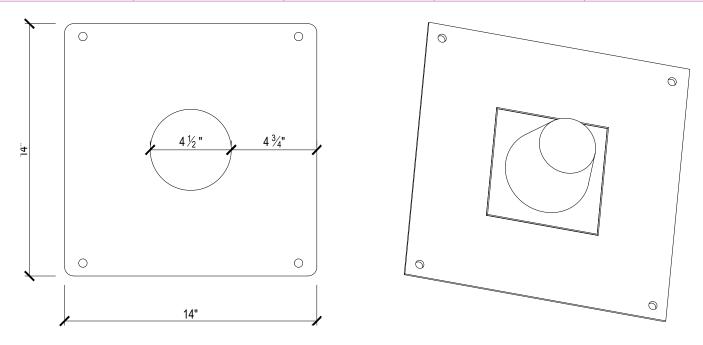
## **Technical Services**

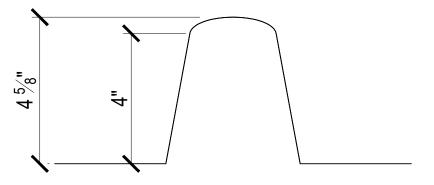
Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

## **System Specifications**

# **Technical Data/Properties**

Item/Component	Packaging	Approx. Shipping Weights	Qty per Pallet	voc
Tie Back Cover 4"	10 covers per box	14 Pounds (6.4 Kg) / Box	54 Boxes / 540 Covers	N/A





For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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**Quality Waterproofing Products** 



# **TECH DATA SHEET** Sections - 071000 / 071300 / 071353 / 071354



Sections 036000 / 036400 Injectable Tie Back Cover 6"

Product Name Injectable Tie Back Cover 6"

# Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# **Product Description**

Heavy Duty Plastic Injectable Tie Back Cover with a 6" tall dome for covering tie-backs and other anchoring devices in below grade blind side waterproofing applications.

## Where to Use

On blind side walls such as wood lagging or other soil stabilization systems.

# **Application Method**

Use nails, screws, or fasteners to attach plastic Tie Back covers to the walls.

# Warranty

This item is an accessory to our blind side waterproofing systems. Refer to each system's warranty for details.

## Delivery, Storage, and Handling

- a. Delivery of all the tie back covers to the job site must be in their original sealed packaging, with manufacturer's name and label intact.
- b. Handle and store materials in accordance with printed instructions.
- c. Shelf Life: unlimited as long as plastic tie back covers are in good physical condition and not brittle, cracked, chipped or broken.
- d. Store indoors at temperatures between 50°F and 90°F. Do not store materials in direct sunlight.
- e. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.
- f. Keep all materials out of the reach of children.



# **Project Conditions**

- All surfaces to which the tie back covers will be attached must be sound and stable, with an even finish and free from sharp protruding items, loose debris, grease, curing agents, or anything else that might damage or prevent the proper installation of the tie back cover of the waterproofing membrane later on.
- 2. Tie back covers may be applied in any weather conditions if it is safe to do so. In very cold weather, plastic may become brittle, so only use screws and screw them in gently.
- 3. Wear safety glasses when installing tie back covers. Warn personnel against hazards or hazardous conditions on the job that might require special protective gear and or any other special protective or safety procedures.
- 4. Protect adjacent surfaces which could be damaged during the installation procedure.

## Installation

Securely fasten the Injectable Tie Back Covers to the lagging or other support structures using nails, screws or fasteners. Install nails, screws or fasteners gently especially in cold weather. See Tie Back Cover 6" Installation Instructions for details. Note: Don't over-tighten screws or fasteners, especially in cold weather. Plastic is more brittle and more susceptible to cracking or breaking when cold.

Optional: Once the Tie Back Covers are installed, install the optional AVM Aussie Tube system per the AVM Tie Back 6" Installation Instructions.



# **Quality Control**

**AVM Injectable Tie Back Cover 6**"

- Visually inspect all tie back covers to ensure they are undamaged and are securely attached to the substrate.
- b. If not, reinstall or replace tie back covers as necessary prior to final acceptance.

## **Protection of Installed Work**

- The Tie Back Covers shall be protected until concrete is properly poured over them.
- b. Do not leave tie back covers exposed to U.V. for more than 60 days. If longer exposure times are required, temporarily cover them with dark plastic or other means that will block out the U.V.
- c. Always protect the Tie Back Covers from possible damage. If Tie Back Covers are damaged, contact the waterproofing installer or AVM before proceeding with pouring concrete or applying the membrane.

## Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

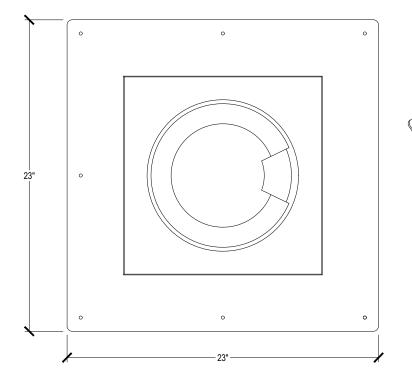
## **Technical Services**

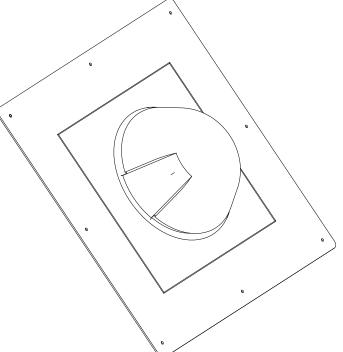
Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

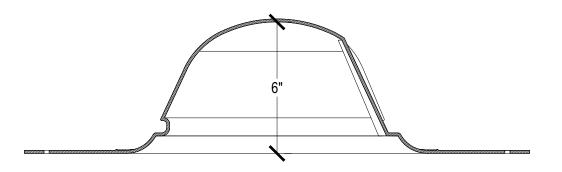
## **System Specifications**

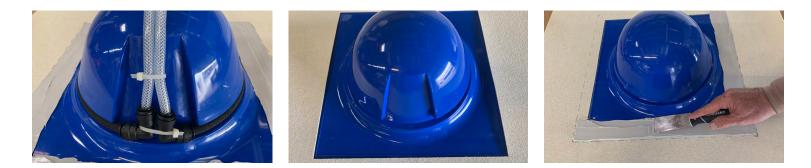
# **Technical Data/Properties**

Item/Component	Packaging	Approx. Shipping Weights	Qty per Pallet	voc
Tie Back Cover 6"	10 covers per box	36 Pounds (16.4 Kg) / Box	14 Boxes / 140 Covers	N/A









For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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# **TECH DATA SHEET** Sections - 071000 / 071300 / 071353 / 071354



# Sections 036000 / 036400

Tie Back Cover 8"

# **Product Name**

Tie Back Cover 8"

# Manufactured by

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304 888.414.1041 818.888.0050 www.avmindustries.com

# **Product Description**

Heavy Duty Plastic Tie Back Cover with an 8" tall dome for covering tie-backs and other anchoring devices in below grade blind side waterproofing applications

## Where to Use

On blind side walls such as wood lagging or other soil stabilization systems.

# **Application Method**

Use nails, screws, or fasteners to attach plastic Tie Back covers to the walls.

# Warranty

This item is an accessory to our blind side waterproofing systems. Refer to each system's warranty for details.

## Delivery, Storage, and Handling

- a. Delivery of all the tie back covers to the job site must be in their original sealed packaging, with manufacturer's name and label intact.
- b. Handle and store materials in accordance with printed instructions.
- c. Shelf Life: unlimited as long as plastic tie back covers are in good physical condition and not brittle, cracked, chipped or broken.
- d. Store indoors at temperatures between 50°F and 90°F. Do not store materials in direct sunlight.
- e. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.
- f. Keep all materials out of the reach of children.



**AVM Tie Back Cover 8**"

# **Project Conditions**

- All surfaces to which the tie back covers will be attached must be sound and stable, with an even finish and free from sharp protruding items, loose debris, grease, curing agents, or anything else that might damage or prevent the proper installation of the tie back cover of the waterproofing membrane later on.
- Tie back covers may be applied in any weather conditions if it is safe to do so. In very cold weather, plastic may become brittle, so only use screws and screw them in gently.
- 3. Wear safety glasses when installing tie back covers. Warn personnel against hazards or hazardous conditions on the job that might require special protective gear and or any other special protective or safety procedures.
- 4. Protect adjacent surfaces which could be damaged during the installation procedure.

## Installation

Securely fasten the Tie Back Covers to the lagging or other support structures using nails, screws or fasteners. Install nails, screws or fasteners gently especially in cold weather. (Plastic is more brittle and more susceptible to cracking or breaking when installed in cold weather)

# **Quality Control**

- a. Visually inspect all tie back covers to ensure they are undamaged and are securely attached to the substrate.
- b. If not, reinstall or replace tie back covers as necessary prior to final acceptance.



# **Protection of Installed Work**

- The Tie Back Covers shall be protected until concrete is properly poured over them.
- b. Do not leave tie back covers exposed to U.V. for more than 60 days. If longer exposure times are required, temporarily cover them with dark plastic or other means that will block out the U.V.
- c. Always protect the Tie Back Covers from possible damage. If Tie Back Covers are damaged, contact the waterproofing installer or AVM before proceeding with pouring concrete or applying the membrane.

## Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

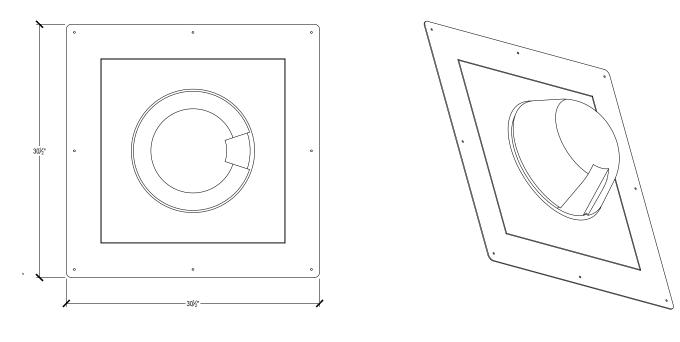
## **Technical Services**

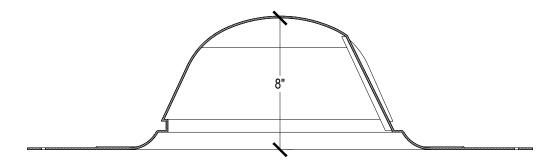
Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com** 

#### **System Specifications**

# **Technical Data/Properties**

Item/Component	Packaging	Approx. Shipping Weights	Qty per Pallet	voc
Tie Back Cover 8"	10 covers per box	47 Pounds (21.4 Kg) / Box	4 boxes / 40 Covers	N/A





For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 10/17/2019 Version: 1.0

SECTION 1: Identification				
1.1. Identification				
Product form	: Mixture			
Product names	: AVM Aussie Skin 550G, 560G, De	etail Strips 550G, 560G		
ther means of identification : High Density Polyethylene (HDPE)				
1.2. Recommended use and restric	tions on use			
Use of the substance/mixture	: Plastic Laminate, Plastic sheet			
	· · · · · · · · · · · · · · · · · · ·			
1.3. Supplier				
AVM Industries, Inc.				
8245 Remmet Ave				
Canoga Park, CA 91304 Tel: 818-888-0050				
Fax: 818-888-0030				
www.avmindustries.com				
1.4. Emergency telephone number				
No additional information available				
SECTION 2: Hazard(s) identification				
2.1. Classification of the substance	or mixture			
GHS-US classification				
Comb. Dust				
2.2. GHS Label elements, including	precautionary statements			
GHS US labelling				
Signal word (GHS US)	: Warning			
Hazard statements (GHS US)	: May form combustible dust conce	ntrations in air		
2.3. Other hazards which do not re-	sult in classification			
No additional information available				
2.4. Unknown acute toxicity (GHS I	(SL			
Not applicable				
SECTION 3: Composition/information or	n ingredients			
3.1. Substances				
Not applicable				
3.2. Mixtures				
Name		Product identifier	%	
Polyethylene		(CAS-No.) 9002-88-4	80 - 100	
SECTION 4: First-aid measures				
4.1. Description of first aid measur	es			
First-aid measures general	: If exposed or concerned, get med	ical attention/advice. Show this safe	etv data sheet to the	
		minated clothing before re-use. New		
First-aid measures after inhalation	: IF INHALED: Remove to fresh air medical attention. If breathing is d respiration.	and keep at rest in a position comf lifficult, supply oxygen. If breathing		
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove least 15 minutes. If irritation devel	e affected clothing and wash all exp lops or persists, get medical attentic		
First-aid measures after eye contact	: IF IN EYES: Immediately flush wit lenses if present and easy to do s	o. Continue rinsing.		
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth the control center. Get medical attenti		thout advice from poison	
10/17/2019	AVM Aussie Skin 550G. 560	G. Detail Strips 550G. 560G	Page 1	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4.2. Most important symptoms and effects	acute and delaved)		
	Not expected to present a significant hazard under anticipated conditions of normal use.		
	May cause respiratory irritation.		
Symptoms/effects after skin contact	May cause skin irritation.		
Symptoms/effects after eye contact	Direct contact with eyes is likely to be irritating.		
Symptoms/effects after ingestion	May cause gastrointestinal irritation.		
4.3. Immediate medical attention and spec	cial treatment, if necessary		
No additional information available.			
SECTION 5: Fire-fighting measures			
5.1. Suitable (and unsuitable) extinguishing	ng media		
Suitable extinguishing media	Foam. Dry chemical. Carbon dioxide (CO2). Water spray.		
5.2. Specific hazards arising from the che	mical		
Fire hazard	Flammable when exposed to external ignition sources such as shocks, heat, flames and sparks.		
Reactivity	No dangerous reactions known under normal conditions of use.		
5.3. Special protective equipment and pre	cautions for fire-fighters		
Precautionary measures fire	<ul> <li>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> </ul>		
Firefighting instructions	<ul> <li>Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.</li> </ul>		
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.		
SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equi	pment and emergency procedures		
General measures	Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.		
6.1.1. For non-emergency personnel			
Protective equipment	Wear Protective equipment as described in Section 8.		
6.1.2. For emergency responders			
Protective equipment	Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.		
6.2. Environmental precautions			
Avoid release to the environment. Prevent entry to	sewers and public waters		
6.3. Methods and material for containmen			
	Contain and collect as any solid. Avoid dust formation.		
	Sweep up dry powder and dispose properly. This material and its container must be disposed		
Notice for cleaning up	of in a safe way, and as per local legislation.		
6.4. Reference to other sections			
See Sections 8 and 13.			
SECTION 7: Handling and storage			
7.1. Precautions for safe handling			
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Do not breathe dust. Keep ignition sources away - Do not smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.		
7.2. Conditions for safe storage, including	any incompatibilities		
Storage conditions	Store in a well-ventilated place. Keep cool.		
Storage temperature	50 - 90 °F		
SECTION 8: Exposure controls/personal protection			
8.1. Control parameters			

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Polyethylene (9002-88-4)		
ACGIH	Remark (ACGIH)	OELs not established
OSHA	Remark (OSHA)	OELs not established

#### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

#### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment symbol(s):



#### Personal protective equipment:

Gloves. Protective goggles.

#### Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

#### Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

#### Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

#### **Respiratory protection:**

Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapour, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

#### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties			
Physical state	: Solid		
Appearance	: Plastic sheet.		
Colour	: white		
Odour	: No data available		
Odour threshold	: No data available		
рН	: No data available		
Melting point	: 300 °F		
Freezing point	: No data available		
Boiling point	: No data available		
Flash point	: No data available		
Relative evaporation rate (butylacetate=1)	: No data available		
Flammability (solid, gas)	: No data available		
Vapour pressure	: No data available		
Relative vapour density at 20 °C	: No data available		
Relative density	: 1.3 - 1.5		
Solubility	: Water: Insoluble		
Log Pow	: No data available		

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

# 9.2. Other information

No additional information available

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

## 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

Temperatures above 400°F.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

Hydrogen chloride.

SECTION 11: Toxicological information		
11.1. Information on toxicological effect	'S	
Acute toxicity (oral)	: Not classified	
Acute toxicity (dermal)	: Not classified	
Acute toxicity (inhalation)	: Not classified	
Polyethylene (9002-88-4)		
LD50 oral rat	> 2000 mg/kg	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
Viscosity, kinematic	: No data available	
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.	
Symptoms/effects after inhalation	: May cause respiratory irritation.	
Symptoms/effects after skin contact	: May cause skin irritation.	
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.	
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.	

#### **SECTION 12: Ecological information**

# **12.1. Toxicity** No additional information available

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.2. Persistence and degradability			
No additional information available			
12.3. Bioaccumulative potential			
No additional information available			
12.4. Mobility in soil			
No additional information available			
12.5. Other adverse effects			
No additional information available			
SECTION 13: Disposal considerations			
13.1. Disposal methods			
Waste treatment methods	: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.		
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.		
SECTION 14: Transport information			
In accordance with DOT Not applicable			
Transportation of Dangerous Goods			
Not applicable			
Transport by sea (IMDG)			
Not applicable			
Not applicable Air transport (IATA)			
Air transport (IATA)			
Air transport (IATA) Not applicable			

All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-		
Inactive) Requirements Rule" ("the Final Rule"). as of Feb. 2019 or are otherwise exempt.		
SARA Section 311/312 Hazard Classes	Physical hazard - Combustible dust	

#### 15.2. International regulations

No additional information available

#### 15.3. US State regulations

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

# SECTION 16: Other information

Revision date	:	10/17/2019
Other information	:	Author: BCS.

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

NFPA health hazard	: 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard	: 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.
HMIS Hazard Rating	
Health	: 1
Flammability	: 1
Physical	: 0

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 10/17/2019 Version: 1.0

## **SECTION 1: Identification**

1.1. Identification
Product form
Product name

: Mixture

: AVM Aussie Double Sided and Sanded Tapes

# 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

AVM Industries, Inc. 8245 Remmet Ave Canoga Park, CA 91304 Tel: 818-888-0050 Fax: 818-888-0030 www.avmindustries.com

#### 1.4. Emergency telephone number

No additional information available

# SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

**GHS-US** classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

#### **GHS US labelling**

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

#### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

ĺ	Name	Product identifier	%
Ē	Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Co	mmunication Standard (29 CFR 19	10.1200)

# SECTION 4: First-aid measures 4.1. Description of first aid measures

First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.First-aid measures after eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.	First-aid measures general	: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
First-aid measures after eye contact       I F IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.         First-aid measures after ingestion       I F SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison	First-aid measures after inhalation	medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial
Ienses if present and easy to do so. Continue rinsing.           First-aid measures after ingestion         : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison	First-aid measures after skin contact	
	First-aid measures after eye contact	
	First-aid measures after ingestion	

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4.2. Most important symptoms and effects	s (acute and delayed)				
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.				
Symptoms/effects after inhalation	: May cause respiratory irritation.				
	: May cause skin irritation.				
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.				
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.				
4.3. Immediate medical attention and spec	cial treatment, if necessary				
No additional information available.					
SECTION 5: Fire-fighting measures					
5.1. Suitable (and unsuitable) extinguishir	ng media				
Suitable extinguishing media	: Foam. Dry chemical. Carbon dioxide (CO2). Sand.				
Unsuitable extinguishing media	: Water.				
5.2. Specific hazards arising from the che	mical				
	: If the Tape is torch-applied, asphalt fumes can be emitted of the product and cause irritations to the nose, the throat and the respiratory tracts, tiredness, headaches, dizziness, nauseas and insomnia.				
Reactivity	: No dangerous reactions known under normal conditions of use.				
5.3. Special protective equipment and pre	cautions for fire-fighters				
	<ul> <li>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> </ul>				
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.				
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.				
Other information	: Vapor is heavier than air.				
SECTION 6: Accidental release measures					
6.1. Personal precautions, protective equi	inmont and amorganou procedures				
	: Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained cleaning				
	personnel properly equipped with respiratory and eye protection.				
6.1.1. For non-emergency personnel	Wear Dratestive equipment as described in Section 9				
Protective equipment	: Wear Protective equipment as described in Section 8.				
6.1.2. For emergency responders					
Protective equipment	: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.				
6.2. Environmental precautions	6.2. Environmental precautions				
Avoid release to the environment. Prevent entry to sewers and public waters.					
Avoid release to the environment. Prevent entry to	sewers and public waters.				
<ul><li>Avoid release to the environment. Prevent entry to</li><li>6.3. Methods and material for containmen</li></ul>					
6.3. Methods and material for containmen					
6.3. Methods and material for containmen For containment	t and cleaning up				
6.3. Methods and material for containmen For containment	t and cleaning up Contain and collect as any solid. Sweep up dry powder and dispose properly. This material and its container must be disposed				
6.3. Methods and material for containment For containment Methods for cleaning up	t and cleaning up Contain and collect as any solid. Sweep up dry powder and dispose properly. This material and its container must be disposed				
<ul> <li>6.3. Methods and material for containment For containment Methods for cleaning up</li> <li>6.4. Reference to other sections See Sections 8 and 13.</li> </ul>	t and cleaning up Contain and collect as any solid. Sweep up dry powder and dispose properly. This material and its container must be disposed				
<ul> <li>6.3. Methods and material for containment For containment Methods for cleaning up</li> <li>6.4. Reference to other sections See Sections 8 and 13.</li> <li>SECTION 7: Handling and storage</li> </ul>	t and cleaning up Contain and collect as any solid. Sweep up dry powder and dispose properly. This material and its container must be disposed				
<ul> <li>6.3. Methods and material for containment For containment Methods for cleaning up</li> <li>6.4. Reference to other sections See Sections 8 and 13.</li> <li>SECTION 7: Handling and storage</li> <li>7.1. Precautions for safe handling</li> </ul>	<ul> <li>t and cleaning up</li> <li>Contain and collect as any solid.</li> <li>Sweep up dry powder and dispose properly. This material and its container must be disposed of in a safe way, and as per local legislation.</li> </ul>				
<ul> <li>6.3. Methods and material for containment For containment Methods for cleaning up</li> <li>6.4. Reference to other sections See Sections 8 and 13.</li> <li>SECTION 7: Handling and storage</li> <li>7.1. Precautions for safe handling</li> </ul>	<b>t and cleaning up</b> : Contain and collect as any solid. : Sweep up dry powder and dispose properly. This material and its container must be disposed				
<ul> <li>6.3. Methods and material for containment For containment Methods for cleaning up</li> <li>6.4. Reference to other sections See Sections 8 and 13.</li> <li>SECTION 7: Handling and storage</li> <li>7.1. Precautions for safe handling</li> </ul>	<ul> <li>t and cleaning up</li> <li>Contain and collect as any solid.</li> <li>Sweep up dry powder and dispose properly. This material and its container must be disposed of in a safe way, and as per local legislation.</li> <li>Do not handle until all safety precautions have been read and understood. Do not breathe dust, vapours. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.</li> </ul>				
<ul> <li>6.3. Methods and material for containment For containment Methods for cleaning up</li> <li>6.4. Reference to other sections See Sections 8 and 13.</li> <li>SECTION 7: Handling and storage</li> <li>7.1. Precautions for safe handling Precautions for safe handling</li> <li>7.2. Conditions for safe storage, including</li> </ul>	<ul> <li>t and cleaning up</li> <li>Contain and collect as any solid.</li> <li>Sweep up dry powder and dispose properly. This material and its container must be disposed of in a safe way, and as per local legislation.</li> <li>Do not handle until all safety precautions have been read and understood. Do not breathe dust, vapours. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.</li> </ul>				

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# SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No data available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

#### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment symbol(s):



#### Personal protective equipment:

Gloves. Protective goggles.

#### Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

#### Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

#### Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

#### **Respiratory protection:**

Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapour, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

#### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties			
Physical state	: Solid		
Appearance	: Coated tape.		
Colour	: Transparent		
Odour	: No data available		
Odour threshold	: No data available		
рН	: No data available		
Melting point	: No data available		
Freezing point	: No data available		
Boiling point	: No data available		
Flash point	: No data available		
Relative evaporation rate (butylacetate=1)	: No data available		
Flammability (solid, gas)	: No data available		
Vapour pressure	: No data available		
Relative vapour density at 20 °C	: No data available		
Relative density	: No data available		
Solubility	: Water: Insoluble		
Log Pow	: No data available		

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

# 9.2. Other information

No additional information available

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

High temperature.

#### 10.5. Incompatible materials

Oxidizing agents. Strong acids. Alkalis. Halogens.

#### 10.6. Hazardous decomposition products

Thermal decomposistion can generate: Toxic fumes.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity (oral)	: Not classified	
Acute toxicity (dermal)	: Not classified	
Acute toxicity (inhalation)	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
Viscosity, kinematic	: No data available	
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.	
Symptoms/effects after inhalation	: May cause respiratory irritation.	
Symptoms/effects after skin contact	: May cause skin irritation.	
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.	
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.	

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

No additional information available

# 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

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# 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations	
13.1. Disposal methods	
Waste treatment methods	: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
SECTION 14: Transport information	
Department of Transportation (DOT) In accordance with DOT	
Not applicable	
Transportation of Dangerous Goods	
Not applicable	
Transport by sea (IMDG)	
Not applicable	
Air transport (IATA)	
Not applicable	
SECTION 15: Regulatory information	
15.1. US Federal regulations	
AVM Aussie Skin Tapes	

All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-				
	Inactive) Requirements Rule" ("the Final Rule"). as of Feb. 2019 or are otherwise exempt.			
	SARA Section 311/312 Hazard Classes	None		

#### 15.2. International regulations

No additional information available

# 15.3. US State regulations

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information	
Revision date	: 10/17/2019
Other information	: Author: BCS.
NFPA health hazard	: 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard	: 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.

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HMIS Hazard Rating	
Health	: 1
Flammability	: 1
Physical	: 0

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 04/14/2017 Supersedes: Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name Product form : AVM Aussie Seal M

: Mixtures

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Sealant

#### 1.3. Details of the supplier of the safety data sheet

AVM Industries, Inc. 8245 Remmet Ave Canoga Park, CA 91304 Tel: 818-888-0050 Fax: 818-888-0030 www.avmindustries.com

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

### **GHS-US** classification

Skin Irrit. 2 H315 Eye Irrit. 2A H319 Skin Sens. 1 H317

#### 2.2. Label elements

#### **GHS-US** labelling

Hazard pictograms (GHS-US)

	GHS07
Signal word (GHS-US)	: Warning
Hazard statements (GHS-US)	<ul> <li>H315 - Causes skin irritation</li> <li>H317 - May cause an allergic skin reaction</li> <li>H319 - Causes serious eye irritation</li> </ul>
Precautionary statements (GHS-US)	<ul> <li>P261 - Avoid breathing mist, vapours</li> <li>P264 - Wash hands, forearms and face thoroughly after handling</li> <li>P272 - Contaminated work clothing must not be allowed out of the workplace</li> <li>P280 - Wear eye protection, face protection, protective gloves, protective clothing</li> <li>P302+P352 - If on skin: Wash with plenty of soap and water</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</li> <li>P321 - Specific treatment (see first aid instructions on this label)</li> <li>P333+P313 - If eye irritation persists: Get medical advice/attention</li> <li>P362+P364 - Take off contaminated clothing and wash it before reuse</li> <li>P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste</li> </ul>
2.3. Other hazards	
No additional information available	

# 2.4. Unknown acute toxicity (GHS US)

No data available

### **SECTION 3: Composition/information on ingredients**

### 3.1. Substances

Not applicable

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# Name Product identifier % N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (CAS No) 1760-24-3 1 - 3\*

\*In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity or exact weight % has been withheld as a trade secret

SECTION 4: First aid measures		
4.1. Description of first aid measur	es	
First-aid measures general	: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.	
First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.	
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.	
First-aid measures after eye contact	: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.	
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/injuries	: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
Symptoms/injuries after inhalation	: May cause respiratory irritation.	
Symptoms/injuries after skin contact	: Causes skin irritation. May cause an allergic skin reaction.	
Symptoms/injuries after eye contact	: Causes serious eye irritation.	
Symptoms/injuries after ingestion	: May cause gastrointestinal irritation.	
4.3 Indication of any immediate m	odical attention and special treatment peopled	

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Fire-fighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Water spray. carbon dioxide (CO <sub>2</sub> ). Extinguishing powder. Foam.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard	: Not flammable.	
Explosion hazard	: Product does present an explosion hazard.	
Reactivity	: No dangerous reactions known under normal conditions of use.	
5.3. Advice for firefighters		
Precautionary measures fire	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.	
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.	
Other information : Dense smoke emitted when burned without sufficient oxygen.		

## **SECTION 6: Accidental release measures**

6.1.	6.1. Personal precautions, protective equipment and emergency procedures	
General n	neasures	: Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).
6.1.1.	For non-emergency personnel	
Protective	e equipment	: Wear Protective equipment as described in Section 8.
Emergeno	cy procedures	: Evacuate unnecessary personnel.
6.1.2.	For emergency responders	
Protective	e equipment	: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.
6.2.	Environmental precautions	
Prevent e	entry to sewers and public waters. Not	fy authorities if liquid enters sewers or public waters. Avoid release to the environment.
63	Methods and material for containment and cleaning up	

#### 6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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Methods for cleaning up	<ul> <li>Ensure there is adequate ventilation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation.</li> </ul>
6.4. Reference to other section	IS
See Sections 8 and 13.	
SECTION 7: Handling and st	orage
7.1. Precautions for safe hand	ling
Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Use only in well- ventilated areas. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storag	e, including any incompatibilities
Storage conditions	: Store in a dry, cool and well-ventilated place. Keep the container tightly closed.
SECTION 8: Exposure control	DIS/personal protection
8.1. Control parameters	
	ilyl)propyl]-1,2-ethanediamine (1760-24-3)
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
8.2. Exposure controls	
Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	: Gloves. Protective goggles. Protective clothing.
Hand protection	<ul> <li>Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.</li> </ul>
Eye protection	: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.
Skin and body protection	: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.
Respiratory protection	: Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

## **SECTION 9: Physical and chemical properties**

9.1. I	nformation on basic physical an	d chemical properties
Physical st	ate	: Liquid
Appearanc	e	: Paste.
Color		: No data available
Odor		: Mint.
Odor Three	shold	: No data available
pН		: No data available
Relative ev	aporation rate (butylacetate=1)	: No data available
Melting poi	int	: No data available
Freezing p	oint	: No data available
Boiling poir	nt	: No data available
Flash point	t	: No data available
Auto-ignitic	on temperature	: No data available
Decompos	ition temperature	: No data available
Flammabili	ity (solid, gas)	: No data available
Vapour pre	essure	: <1
Relative va	apour density at 20 °C	: >1

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Relative density	: 1.41
Density	: 11.8 lbs./gal. (calculated)
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC content	: 14.14 g/l % Volatile: 1.00%

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). Sulfur oxides. Hydrogen sulfide.

#### **SECTION 11: Toxicological information** 11.1. Information on toxicological effects Acute toxicity : Not classified AVM Aussie Seal M LD50 oral rat > 2000 mg/kg LD50 dermal rat > 2000 mg/kg Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye irritation. (Causes corneal injury) Respiratory or skin sensitisation May cause an allergic skin reaction. : Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified Specific target organ toxicity (single exposure) : Not classified Specific target organ toxicity (repeated : Not classified exposure)

Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: May cause gastrointestinal irritation.

#### SECTION 12: Ecological information

12.1.	Toxicity
Ecology -	general

: May cause long-term adverse effects in the environment.

# 12.2. Persistence and degradability

AVM Aussie Seal M	
Persistence and degradability	Heavily removable from water.

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12.3.	Bioaccumulative potential	
AVM A	Aussie Seal M	
Bioaco	umulative potential	May be accumulated in organism.
12.4.	Mobility in soil	
No addi	ional information available	
12.5.	Other adverse effects	
No addi	ional information available	
SECT	ON 13: Disposal consideration	IS
13.1.	Waste treatment methods	
Waste t	reatment methods	: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.
Waste c	isposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.
SECT	ON 14: Transport information	
In accor	dance with DOT	
Not haz	ardous for transport	
Additio	nal information	
Other in	formation	: No supplementary information available.
Transp	ort by sea	
No addi	ional information available	
Air tran	sport	
No addi	ional information available	
SECT	ON 15: Regulatory information	1
15.1. US	Federal regulations	
AVM A	Aussie Seal M	
	mical substances in this product are liste exempt	ed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory
SARA	Section 311/312 Hazard Classes	Immediate (acute) health hazard

# **15.2. International regulations** No additional information available.

#### 15.3. US State regulations

California Proposition 65: This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other informa	tion
Indication of changes	: Revision 1.0: New SDS Created.
Revision date	: 04/14/2017
Other information	: Author: BCS.
NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
NFPA fire hazard	: 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.
HMIS III Rating	
Health	: 2
Flammability	: 0
Physical	: 0
Personal protection	:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product



# **Aussie Swell Red**

Safety Data Sheet

Prepared according to US 29 CFR 1910.1200 and Canadian HPR WHMIS 2015 Revision date: 12/11/2017 Version: 1.0

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. **Product identifier**

Product name

: Aussie Swell red

Product form

: Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

AVM Industries, Inc. 8245 Remmet Ave Canoga Park, CA 91304 Tel: 818-888-0050 Fax: 818-888-0030 www.avmindustries.com

#### Emergency telephone number 1.4.

No additional information available

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### **GHS** classification

Acute Tox. 4 (Oral) H302 Carc. 1A H350 STOT RE 1 H372

2.2.	Label elements	
GHS la	belling	
Hazard	pictograms (GHS)	
<u>.</u>		GHS07 GHS08
Signal v	vord (GHS)	Danger
Hazard	statements (GHS)	<ul> <li>H302 - Harmful if swallowed</li> <li>H350 - May cause cancer</li> <li>H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation)</li> </ul>
Precaut	ionary statements (GHS)	<ul> <li>P201 - Obtain special instructions before use</li> <li>P202 - Do not handle until all safety precautions have been read and understood</li> <li>P260 - Do not breathe dust</li> <li>P264 - Wash hands, forearms and face thoroughly after handling</li> <li>P270 - Do not eat, drink or smoke when using this product</li> <li>P280 - Wear eye protection, protective gloves, protective clothing, respiratory protection</li> <li>P301+P312 - If swallowed: Call a POISON CENTER, a doctor if you feel unwell</li> <li>P308+P313 - If exposed or concerned: Get medical advice/attention</li> <li>P314 - Get medical advice/attention if you feel unwell</li> <li>P303 - Rinse mouth</li> <li>P405 - Store locked up</li> <li>P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste</li> </ul>
2.3.	Other hazards	
No addi	tional information available	
2.4.	Unknown acute toxicity (GHS)	
No data	available	

#### No data available

## **SECTION 3: Composition/information on ingredients**

#### Substances 3.1.

Not applicable

#### 3.2. **Mixtures**

Name	Product identifier	%
Silica: Crystalline, quartz	(CAS-No.) 14808-60-7	Not Available

\*In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity or exact weight % has been withheld as a trade secret

## Safety Data Sheet

Prepared according to US 29 CFR 1910.1200 and Canadian HPR WHMIS 2015

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.	
First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.	
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.	
First-aid measures after eye contact	: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.	
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.	
4.2. Most important symptoms and effect	s, both acute and delayed	
Symptoms/effects	: Harmful if swallowed. May cause cancer. Causes damage to organs through prolonged or repeated exposure.	
Symptoms/effects after inhalation	: May cause respiratory irritation.	
Symptoms/effects after skin contact	: May cause skin irritation.	
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.	
Symptoms/effects after ingestion	: Harmful if swallowed.	
Chronic symptoms	: May cause cancer. Causes damage to organs through prolonged or repeated exposure.	
4.3.       Indication of any immediate medical attention and special treatment needed         No additional information available.		

#### **SECTION 5: Firefighting measures** 5.1. Extinguishing media Suitable extinguishing media : carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam. Use extinguishing media appropriate for surrounding fire. 5.2. Special hazards arising from the substance or mixture Fire hazard : Not flammable. Reactivity : No dangerous reactions known under normal conditions of use. 5.3. Advice for firefighters Precautionary measures fire : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any **Firefighting instructions** chemical fire. Do not dispose of fire-fighting water in the environment. Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Other information : Thermal decomposition generates : carbon oxides (CO and CO<sub>2</sub>). **SECTION 6: Accidental release measures** ~ 4 \_ ... ... .

6.1. Personal precautions, prote	ective equipment and emergency procedures
General measures	: Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).
6.1.1. For non-emergency person	nel
Protective equipment	: Wear Protective equipment as described in Section 8.
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.
6.2. Environmental precautions	
Avoid release to the environment. Preve	ent entry to sewers and public waters.
6.3. Methods and material for co	ontainment and cleaning up
For containment	: Contain and collect as any solid. Minimize generation of dust.
Methods for cleaning up	: Ventilate area. This material and its container must be disposed of in a safe way, and as per local legislation.
6.4 Deference to other coefficient	

#### 6.4. Reference to other sections

See Sections 8 and 13.

## Safety Data Sheet

Prepared according to US 29 CFR 1910.1200 and Canadian HPR WHMIS 2015

#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

#### Precautions for safe handling

: Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in a dry place. Store in a closed container.

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

Inert or Nuisance dust	
ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m³ (respirable particles) 10 mg/m³ (inhalable particles)
OSHA PEL (TWA) (mg/m³)	5 mg/m <sup>3</sup> (respirable fraction) 15 mg/m <sup>3</sup> (total dust)

\*Exposure limits are for inert or nuisance dust. No specific exposure limits have been established for this activated carbon product by the ACGIH. No specific exposure limits have been established for inert or nuisance dust by Canadian HPR.

Silica: Crystalline, quartz (14808-60-7)	
ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable fraction)
OSHA PEL (TWA) (µg/m³)	50 μg/m <sup>3</sup> (respirable crystalline silica)
Alberta (TWA)	0.025 mg/m <sup>3</sup> (respirable particulate)
British Columbia (TWA)	0.025 mg/m <sup>3</sup> (respirable particulate)
Manitoba (TWA)	0.025 mg/m <sup>3</sup> (respirable fraction)
New Brunswick (TWA)	0.025 mg/m <sup>3</sup> (respirable fraction)
Newfoundland and Labrador (TWA)	0.025 mg/m <sup>3</sup> (respirable fraction)
Northwest Territories (TWA)	0.05 mg/m <sup>3</sup> (respirable fraction)
Nova Scotia (TWA)	0.025 mg/m <sup>3</sup> (respirable particulate)
Nunavut (TWA)	0.05 mg/m <sup>3</sup> (respirable fraction)
Ontario (TWA)	0.10 mg/m <sup>3</sup> (respirable fraction)
Prince Edward Island (TWA)	0.025 mg/m <sup>3</sup> (respirable fraction)
Quebec (TWA)	0.10 mg/m <sup>3</sup> (respirable fraction)
Saskatchewan (TWA)	0.05 mg/m <sup>3</sup> (respirable fraction)
Yukon (TWA)	300 Particles/mL

#### 8.2. Exposure controls

Appropriate engineering controls

Personal protective equipment

: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Gloves. Protective goggles. Insufficient ventilation: wear respiratory protection.



- : Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified and selected according to regional or national standards. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate PVC, or vinyl. Suitable gloves should be recommended by the glove supplier.
- : Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.
- : Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.
- : Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

Hand protection

Eye protection

Skin and body protection Respiratory protection

Safety Data Sheet

Prepared according to US 29 CFR 1910.1200 and Canadian HPR WHMIS 2015

#### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and	chemical properties
--	---------------------

	a onennoar properties
Physical state	: Solid
Color	: Red.
Odor	: No data available.
Odor Threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0.00004 hPa estimated
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC content	: 0 %

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. **Chemical stability**

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO<sub>2</sub>).

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity	: Oral: Harmful if swallowed.	
Silica: Crystalline, quartz (14808-60-7	7)	
LD50 oral rat	500 mg/kg	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: May cause cancer.	
Silica: Crystalline, quartz (14808-60-7	7)	
IARC group	1 - Carcinogenic to humans	
12/11/2017	Aussie Swell	4/6

## Safety Data Sheet

Prepared according to US 29 CFR 1910.1200 and Canadian HPR WHMIS 2015

Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Causes damage to organs through prolonged or repeated exposure (Inhalation).
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause skin irritation.
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.
Symptoms/effects after ingestion	: Harmful if swallowed.
Chronic symptoms	: May cause cancer. Causes damage to organs through prolonged or repeated exposure.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

Ecology - general

: Not expected to be ecotoxic.

#### 12.2. Persistence and degradability

#### No additional information available

# 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste treatment methods	: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.	

### **SECTION 14: Transport information**

In accordance with DOT/TDG

Not hazardous for transport

Additional information Other information

: No supplementary information available.

#### Transport by sea

No additional information available

#### Air transport

No additional information available

## **SECTION 15: Regulatory information**

## 15.1. US Federal regulations

Aussie Swell		
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt		
SARA Section 311/312 Hazard Classes	Health hazard - Acute toxicity (any route of exposure) Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure)	

### 15.2. Canada regulations

#### Aussie Swell

All chemical substances in this product are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or are exempt

# Safety Data Sheet

Prepared according to US 29 CFR 1910.1200 and Canadian HPR WHMIS 2015

## 15.3. US State regulations

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	Not available
Silica: Crystalline, qua	artz (14808-60-7)			
U.S New Jersey - Rig U.S Massachusetts - U.S Pennsylvania - R		List		

# SECTION 16: Other information

Indication of changes	: Revision 1.0: New SDS Created.
Revision date	: 12/11/2017
Other information	: Author: BCS.
NFPA health hazard	: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.
NFPA fire hazard	: 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.
Hazard Rating	
Health	: 3*
Flammability	: 0
Physical	: 0
Personal protection	:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

# **MATERIAL SAFETY DATA SHEET**

# AVM Drain Boards 2000, 2200, 6000, 6020, 9000, 9020, 9080, XL, 9900 & SWD Series

AVM INDUSTRIES, INC. 8245 Remmet Ave Canoga Park, CA 91304 Phone: (818) 888-0050 (888) 414-1041 Fax: (818) 888-0030

# **PRODUCT INDENTIFICATION:**

AVM INDUSTRIES, INC.	NAME: AVM Drain Boards	
Components:		
Non-woven polypropylene fabric:	(AVM Drain Boards 2000, 2200, 6000, 6020 & SWD)	
Woven monofilament fabric:	(AVM Drain Boards 9000 & 9020)	
Extruded high impact polystyrene sheet and/or polyethylene		
D.O.T. Proper Shipping Name:	Not a regulated material	

# **HAZARDOUS INGREDIENTS:**

This product does not meet the definition given in 29 CRF Part 1910.1200 (OSHA). Information is furnished as a customer service.

# **OCCUPATIONAL CONTROL PROCEDURES:**

Eye Protection:	As required by site-specific conditions. Not generally needed.
Skin Protection:	None required.
<b>Respiratory Protection:</b>	Not generally required unless needed to prevent respiratory irritation.
Ventilation:	Use adequate ventilation to control exposure below recommended levels.

# **EFFECTS OF OVEREXPOSURE:**

Eyes:Dust may cause mechanical irritation.Skin:No known effect.Inhalation:Dust may produce mechanical irritation to the mucous membranes of the nose, throat and upper<br/>respiratory tract.Chronic:No anticipated chronic effects.Existing health conditions affected by exposure:No known effects.

# **MATERIAL SAFETY DATA SHEET**

# AVM Drain Boards 2000, 2200, 6000, 6020, 9000, 9020, 9080, XL, 9900 & SWD Series

# **EMERGENCY AND FIRST AID PROCEDURES:**

Eyes:	Flush with water.
<u>Skin:</u>	Rinse with water.
Inhalation:	Remove from exposure.
Ingestion:	N/A.

# FIRE PROTECTION:

Flash Point (Method):	Greater than 400 degrees (COC, ASTM D-92)
Fire Extinguishing Media:	Dry chemical, foam, carbon dioxide.
Special Fire Fighting Procedures:	For large fires in confined area use N10SH/MSHA

approved self-contained breathing apparatus: Use water fog or spray to exposed equipment and containers.

# **REACTIVITY DATA:**

<u>Stability:</u>	Stable
Incompatibility:	None known
Hazardous Decomposition Products:	Will not occur.
Hazardous Polymerization:	Will not occur.

# **PHYSICAL DATA:**

Physical State:	Solid
Odor:	Negligible
Viscosity:	N/A
Solubility in Water:	Negligible
Boiling Point:	N/A

# SPILL, LEAK & DISPOSAL INFORMATION:

Spill or Leak Procedures:Solid material, normal clean-up procedure.Waste Disposal:Insure conformity with all applicable disposal regulations. Product does not meet<br/>the definition of hazardous waste.

# **STORAGE:**

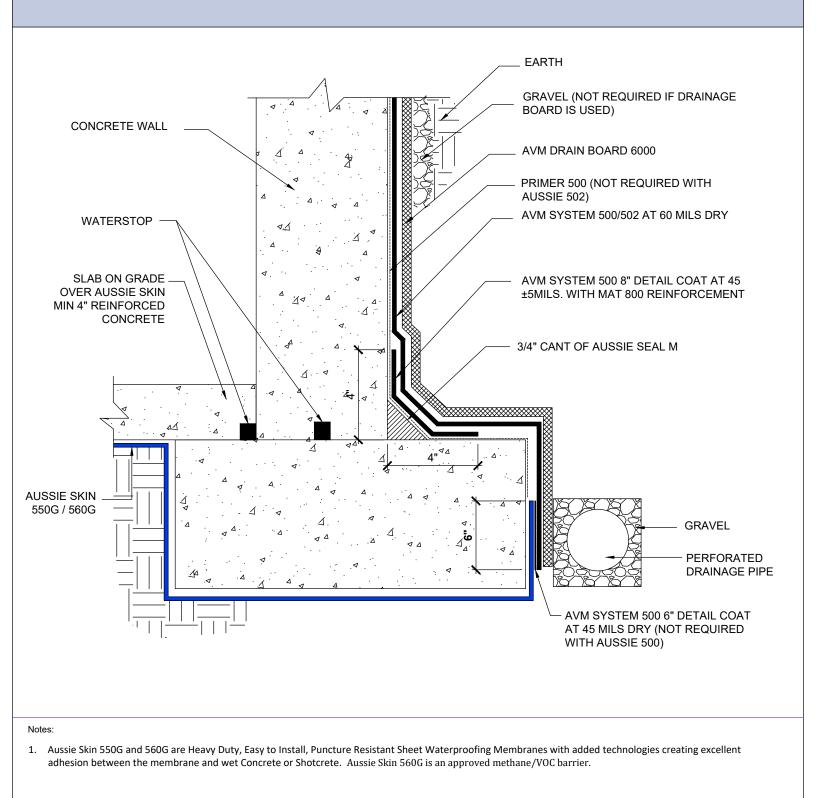
No special requirements for storage.

AVM-0550G\_0560G-0002

AVM System 550G/0560G

Slab on Grade over Aussie Skin, Concrete Walls (500/502)





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Quality Waterproofing Products

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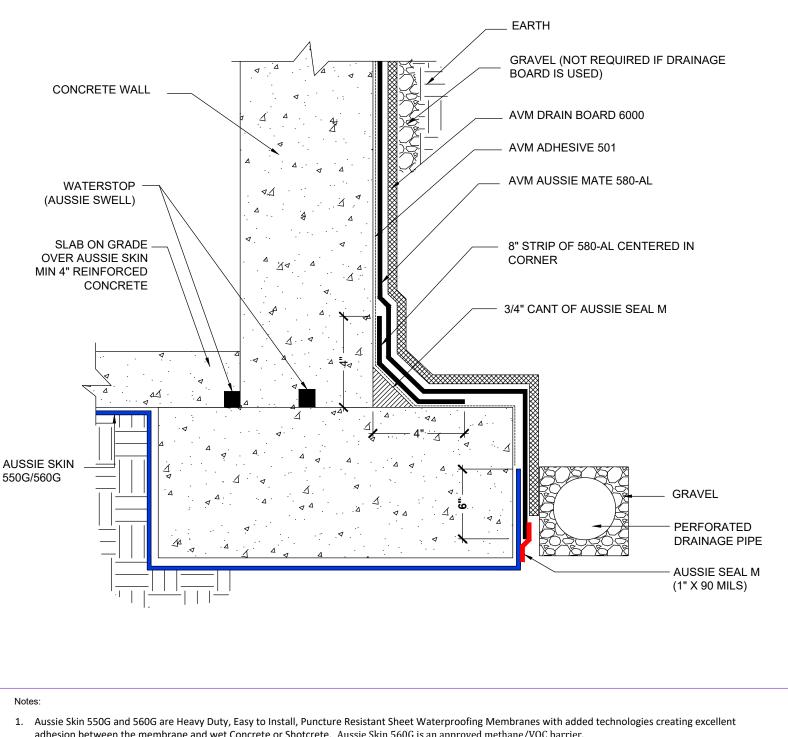
FILE NAME: 0550G 0560G-0002

AVM-0550G 0560G-0004

AVM System 550G/560G

Slab on Grade over Aussie Skin, Concrete Walls (Aussie Mate)





adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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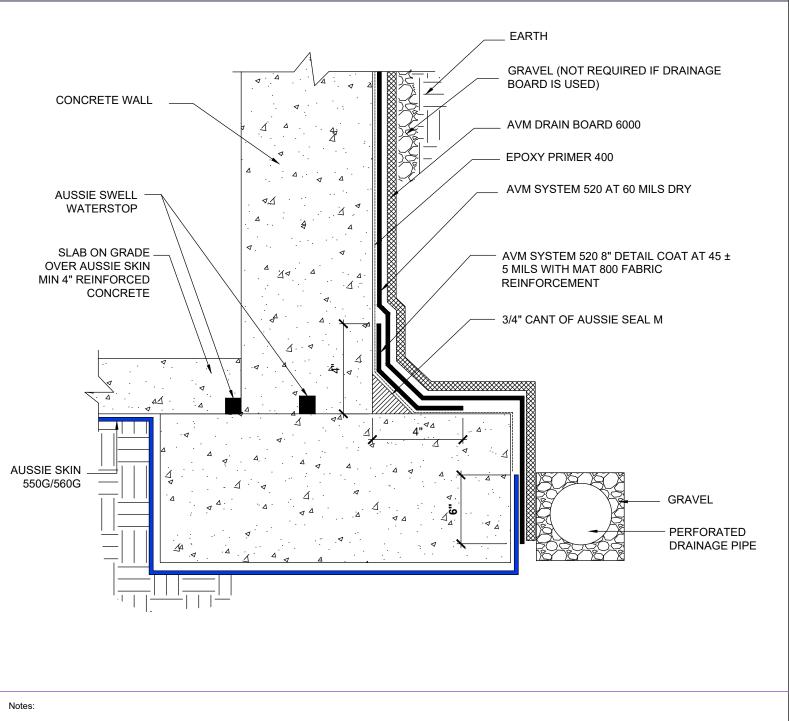
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FILE NAME: 0550G\_0560G-0004

AVM-0550G\_0560G-0006 AVM System 550G/560G  Slab on Grade over Aussie Skin, Concrete Walls (520)





1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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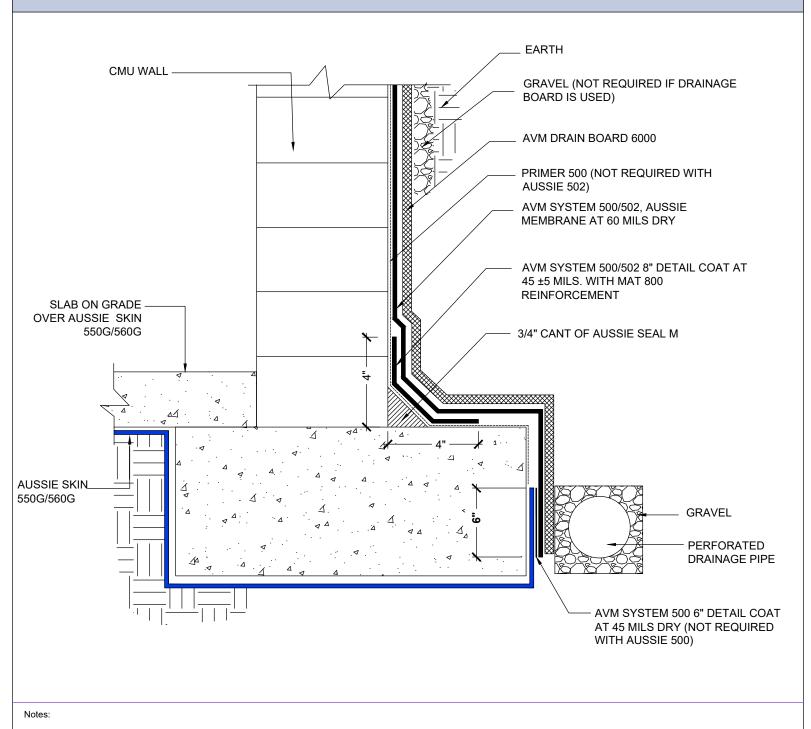
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FILE NAME: 0550G\_0560G-0006

AVM System 550G/560G

Slab on Grade over Aussie Skin, CMU (Block) Walls (500/502)





1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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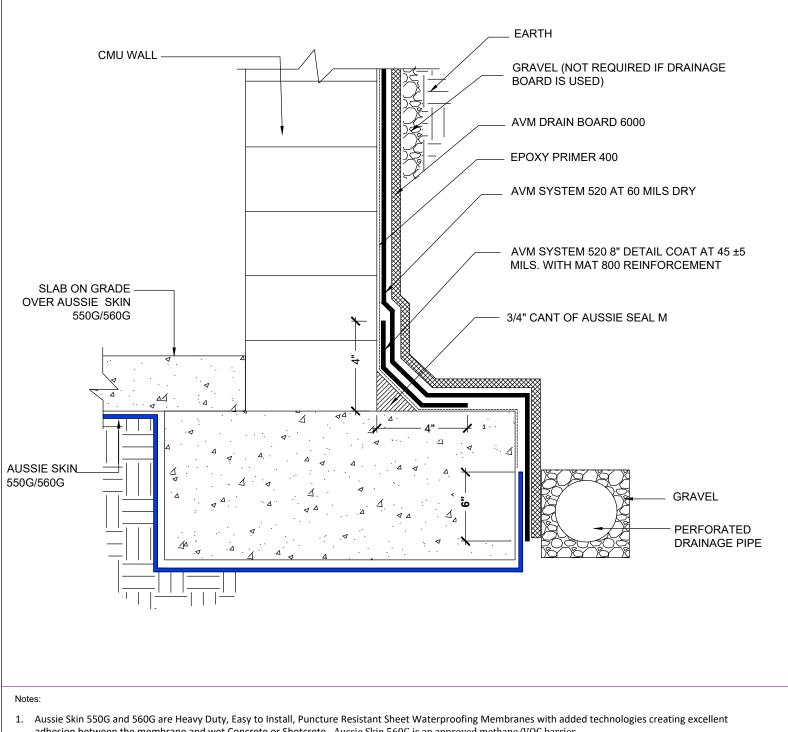
FILE NAME: 0550G\_0560G-0008



AVM System 550G/560G

Slab on Grade over Aussie Skin, CMU (Block) Walls (520)





adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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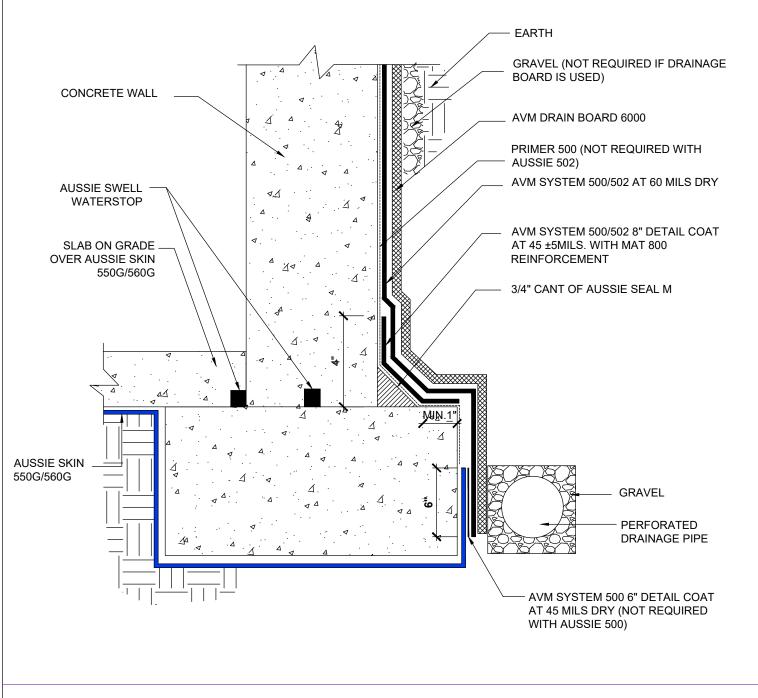
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FILE NAME: 0550G 0560G-0010

AVM-0550G\_560G-0012 AVM System 550G/560G Slab on Grade over Aussie Skin, Concrete Walls, Minimal Exposed Footing (500/502)





Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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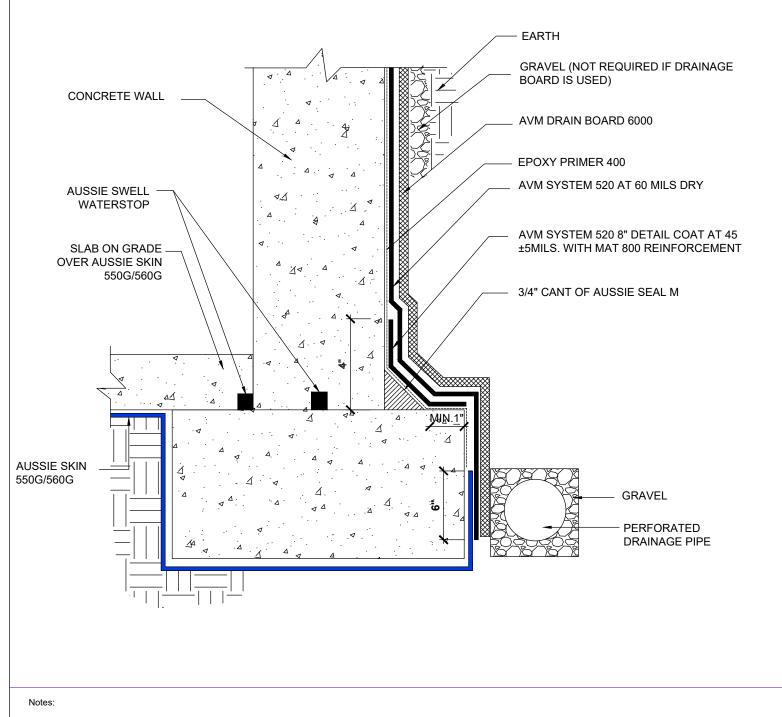
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FILE NAME: 0550G\_0560G-0012

AVM-0550G\_0560G-0014 AVM System 550G/560G Slab on Grade over Aussie Skin, Concrete Walls, Minimal Exposed Footing (520)





1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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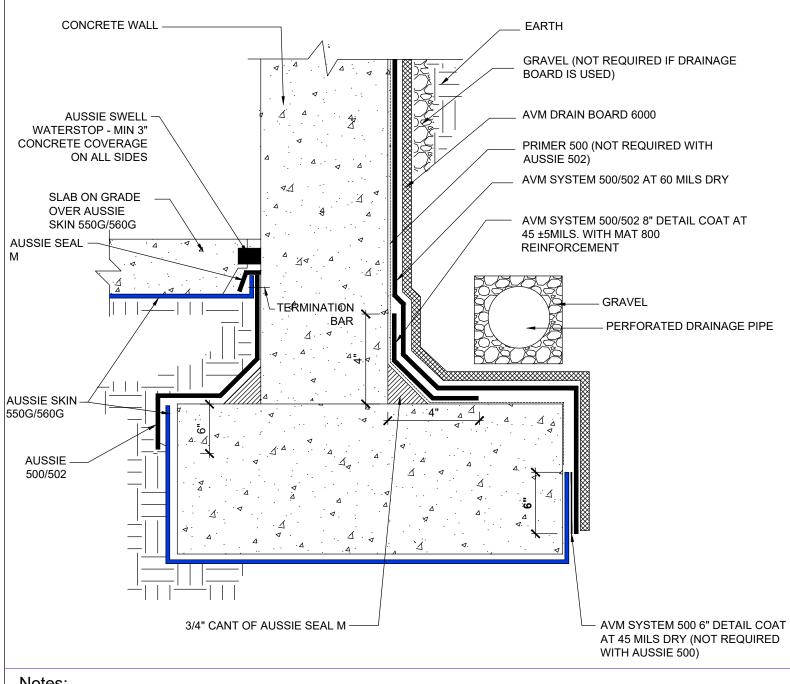
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FILE NAME: 0550G\_0560G-0014

AVM-0550G\_0560G-0016 AVM System 550G/560G Elevated Slab over Aussie Skin, Concrete Walls (500/502)



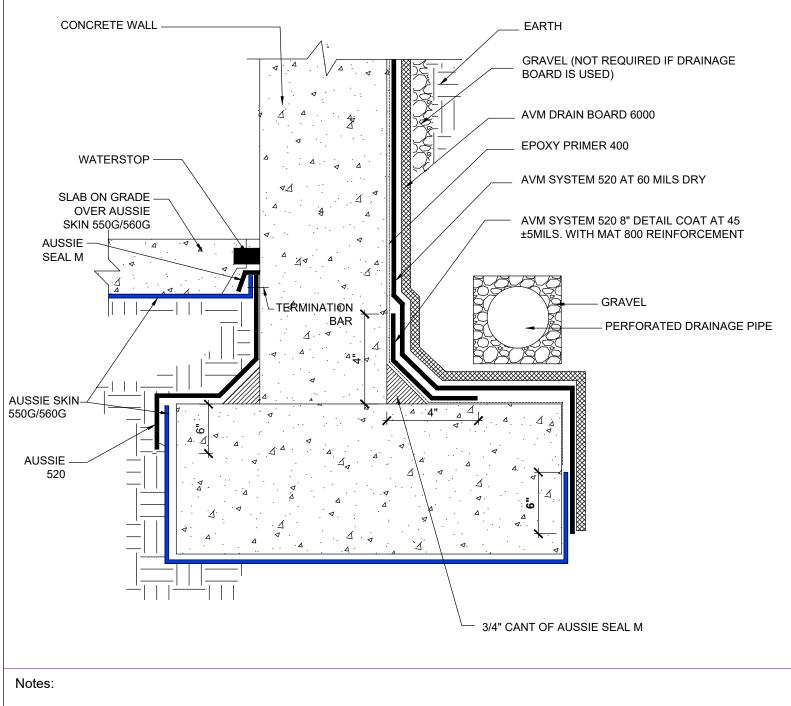


- Notes:
- 1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G 0560G-0016	Protected by Copyright - AVM I	ndustries, Inc. Revision Date 12/20/2020

AVM-0550G\_0560G-0018 AVM System 550G/560G Elevated Slab over Aussie Skin, Concrete Walls (520)





1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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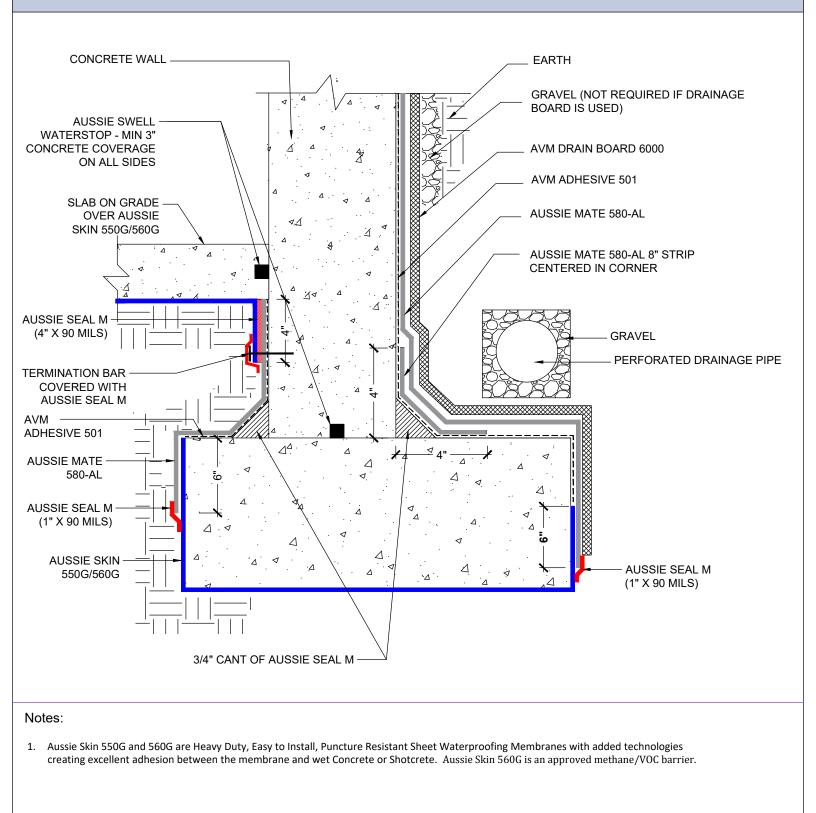
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FILE NAME: 0550G\_0560G-0018

Elevated Slab over Aussie Skin, Concrete Walls Aussie Mate





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Quality Waterproofing Products

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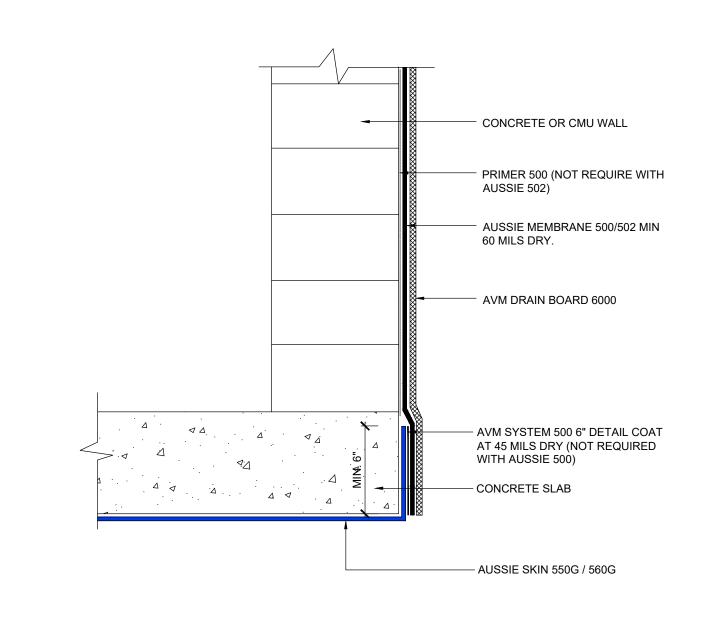
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AVM-0550G\_0560G-0022

AVM System 550G/560G

Aussie Membrane 500/502 Installation over Aussie Skin.





## Notes:

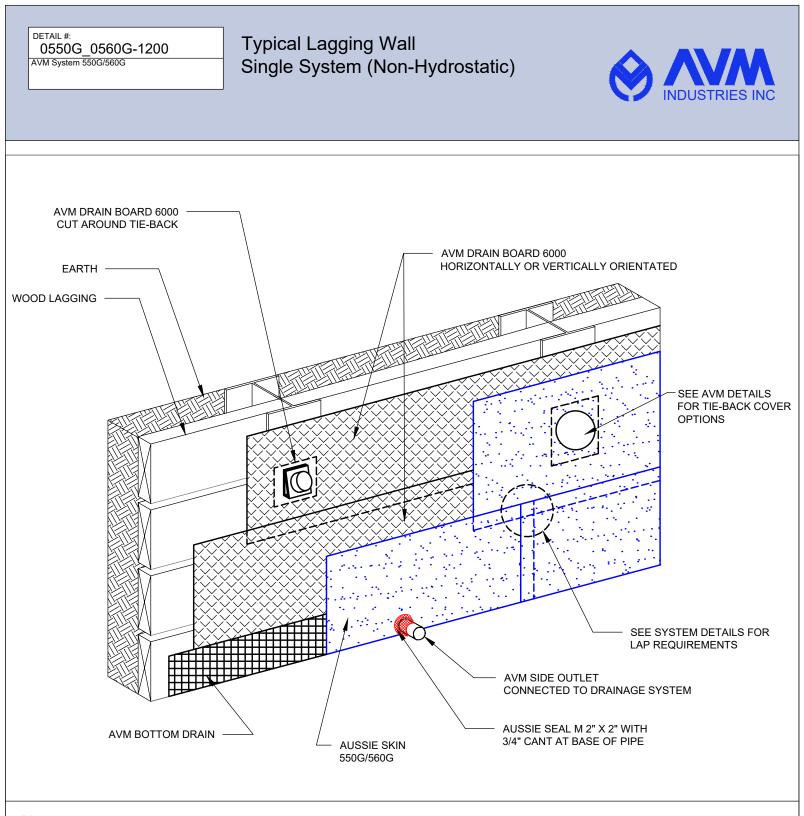
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-0022



## Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304

Quality Waterproofing Products

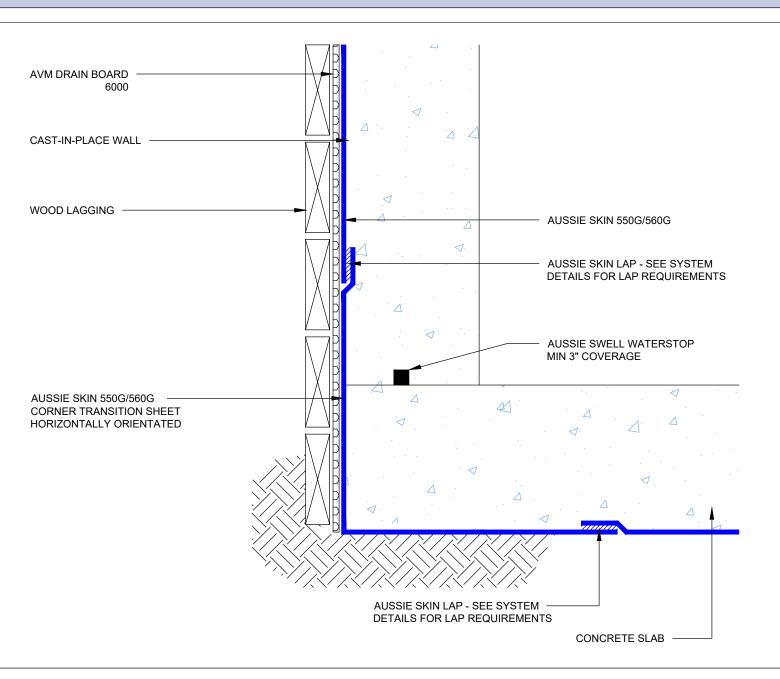
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1200

DETAIL #: 0550G\_0560G-1210 AVM System 550G/560G

Blindside Waterproofing over Lagging Single System - Hydrostatic





#### Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304

Quality Waterproofing Products

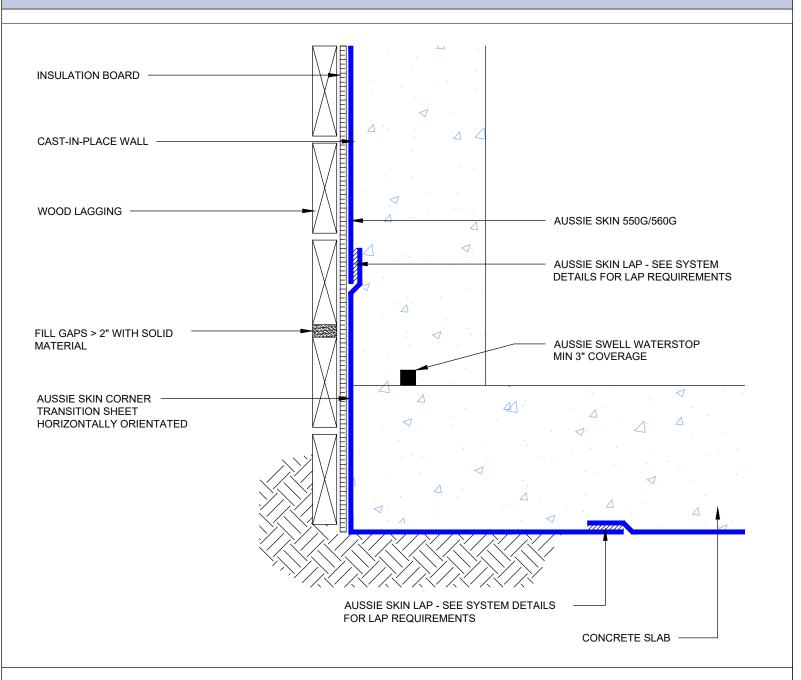
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1210

DETAIL #: 0550G\_0560G-1212 AVM System 550G/560G

Blindside Waterproofing over Lagging Single System with Insulation - Hydrostatic





#### Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

AVM Industries, Inc. 8245 Remmet Ave, Canoga Park, CA 91304

Quality Waterproofing Products

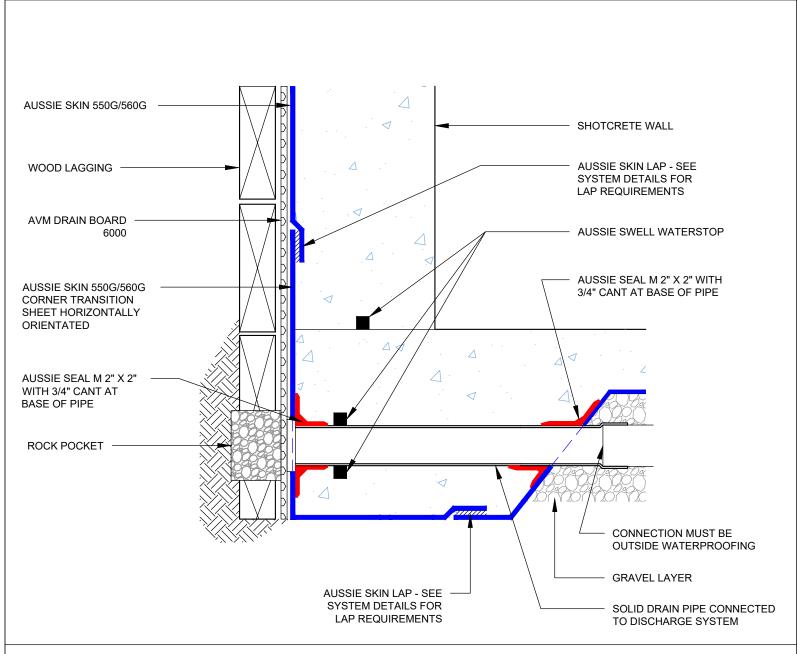
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1212

DETAIL #: 0550G\_0560G-1220 AVM System 550G/560G

Lagging Wall with Rock Pocket





#### Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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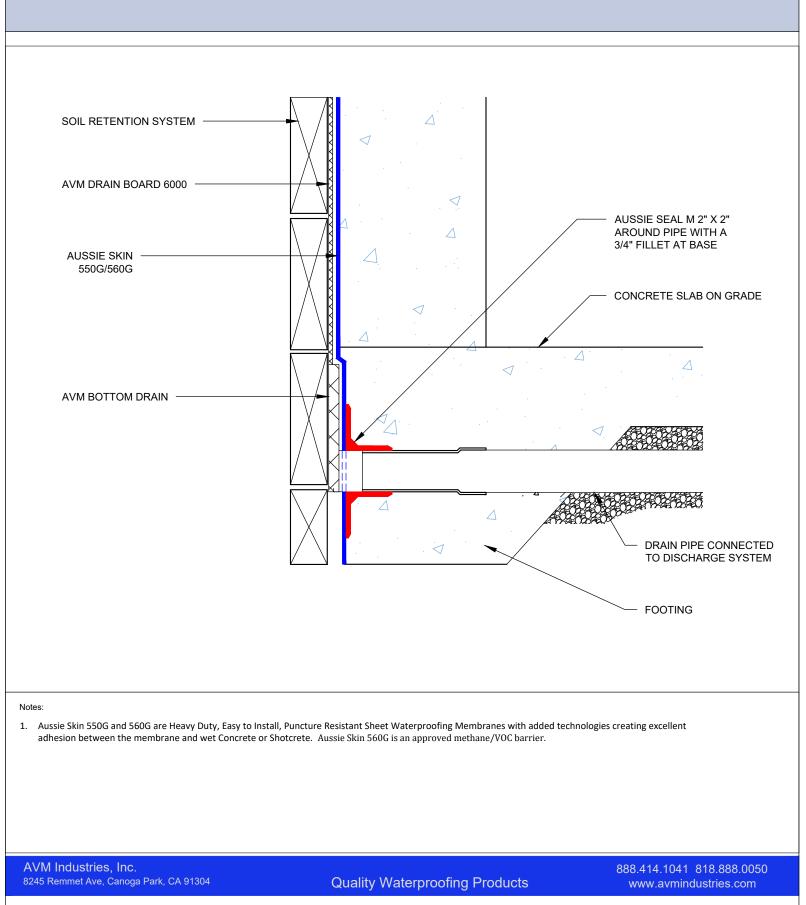
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1220

DETAIL #: 0550G\_0560G-1224 AVM System 550G/560G

Raised Slab Single System (Non-Hydrostatic)





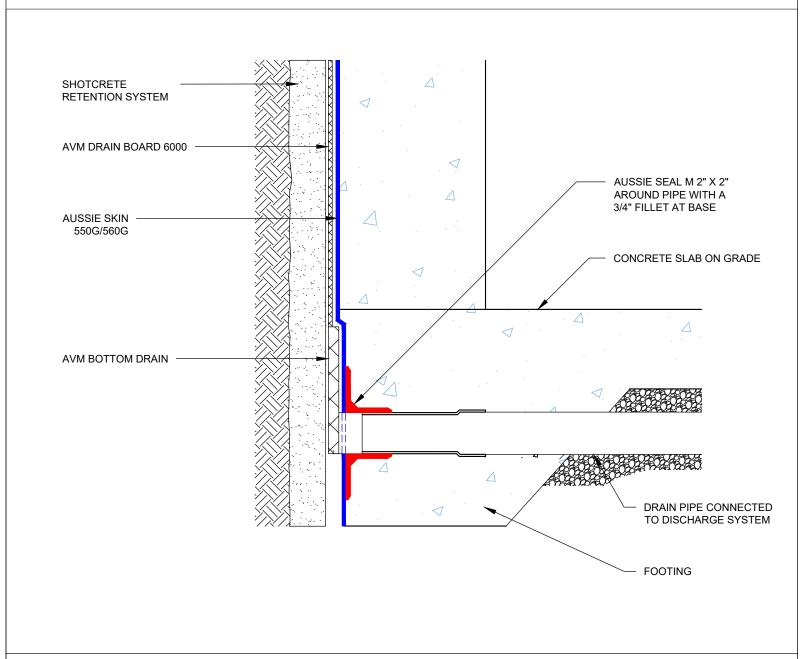
FILE NAME: 0550G\_0560-1224

DETAIL #: 0550G\_0560G-1225

AVM System 550G/0560G

Raised Slab - Shotcrete Retaining Wall Single System (Non-Hydrostatic)





Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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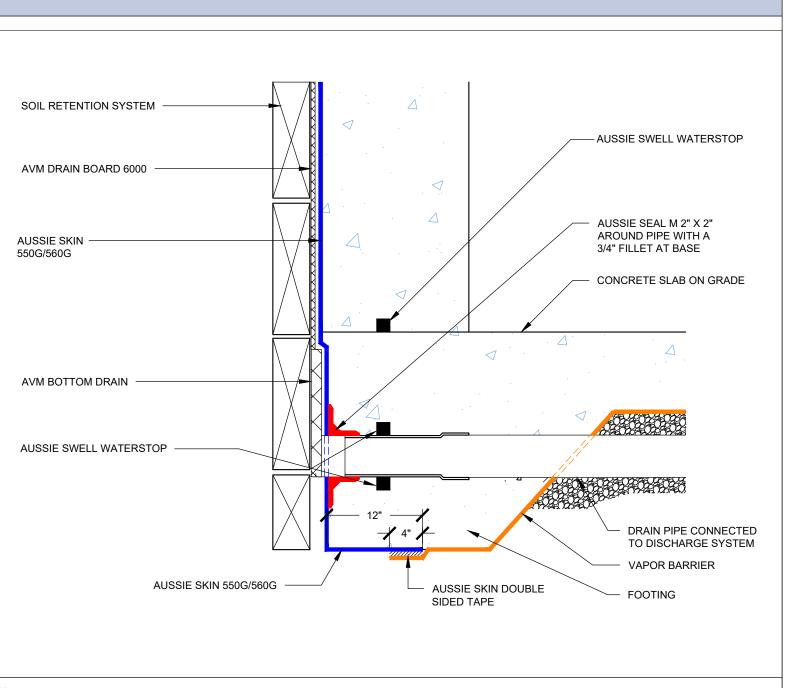
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1225



Raised Slab with Vapor Barrier





Notes:

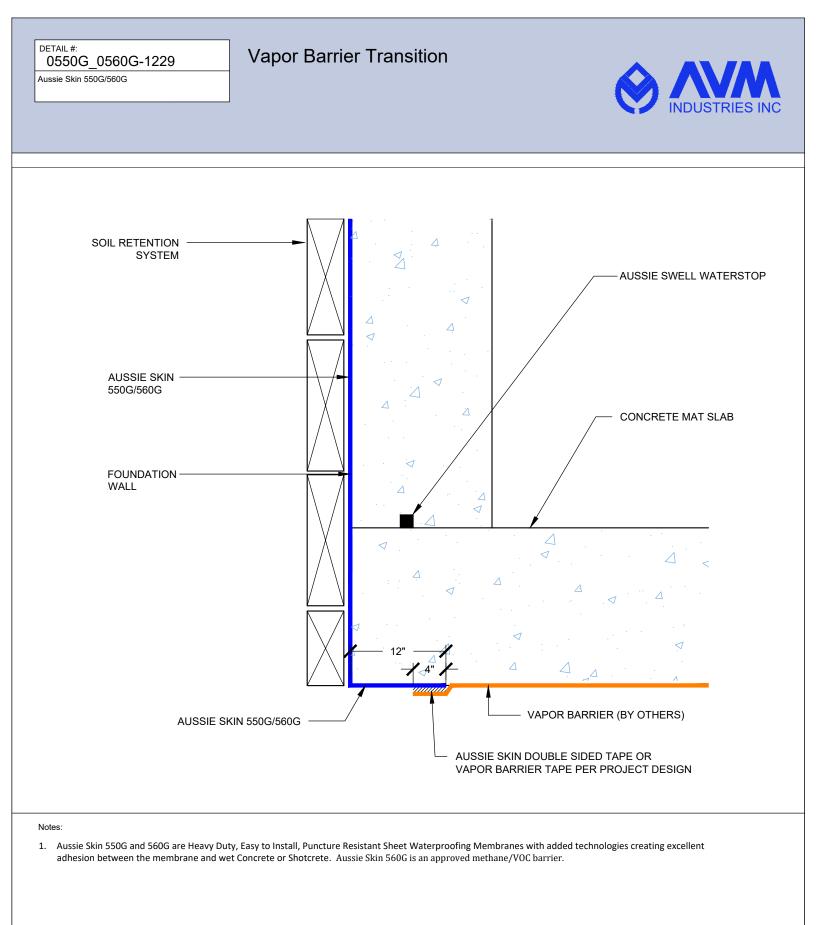
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-1228



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Quality Waterproofing Products

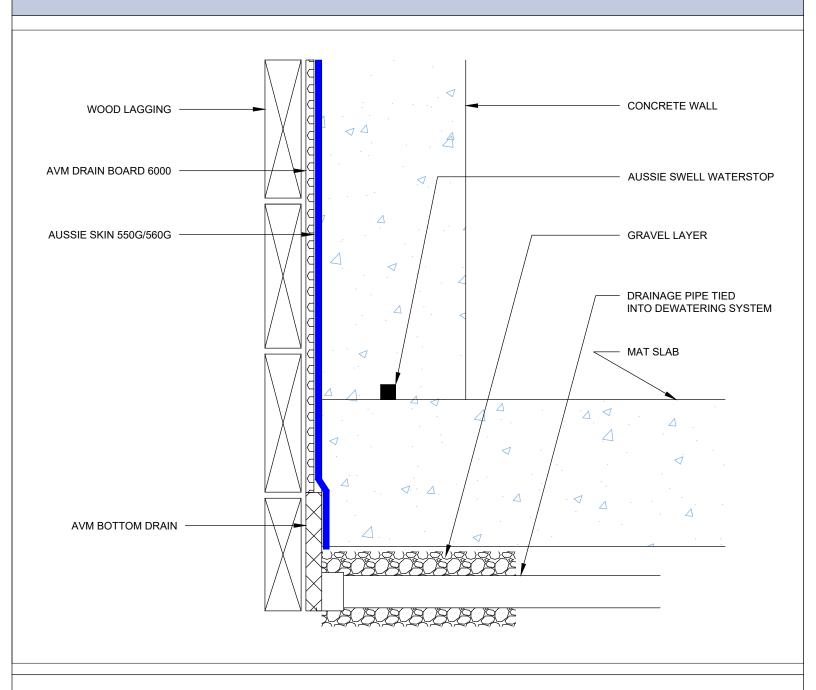
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1229

DETAIL #: 0550G\_0560G-1230 AVM System 550G/560G

Mat Slab Drainage System Single Layer System





## Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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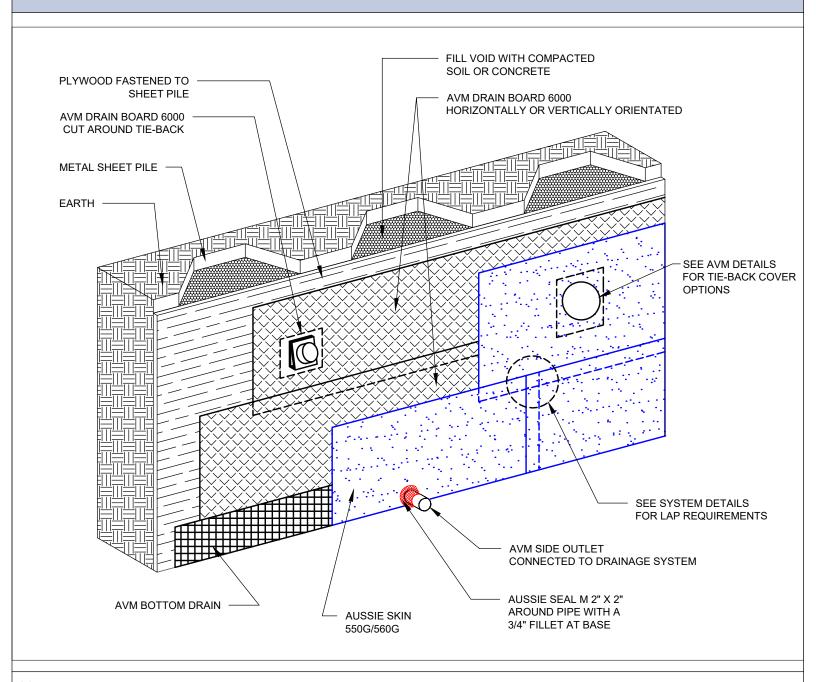
FILE NAME: 0550G\_0560G-1230

DETAIL #: 0550G\_0560G-1240

AVM System 550G/560G

Typical Lagging Wall Metal Sheet Pile with Plywood Single Layer System





# Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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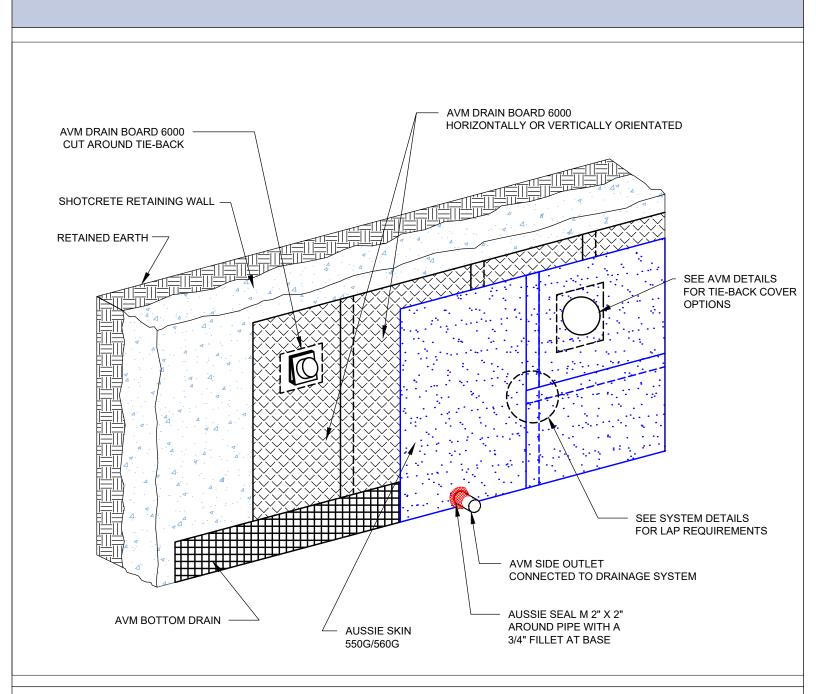
FILE NAME: 0550G\_0560G-1240

DETAIL #: 0550G 0560G-1242

AVM System 550G/560G

Typical Lagging Wall Shotcrete Retaining Single Layer System





## Notes:

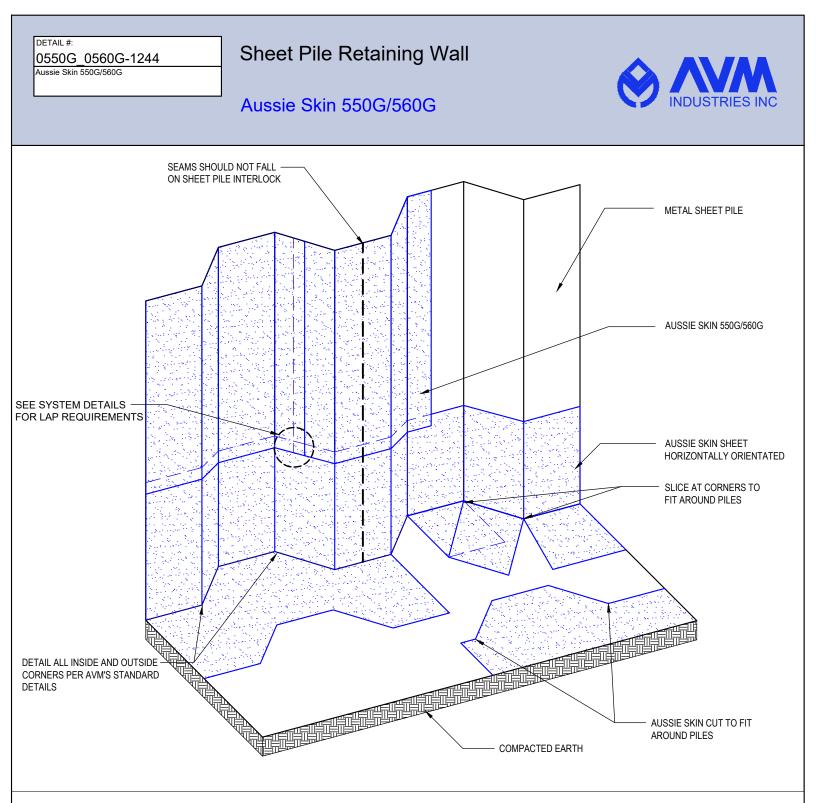
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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Quality Waterproofing Products

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FILE NAME: 0550G\_0560G-1242



## Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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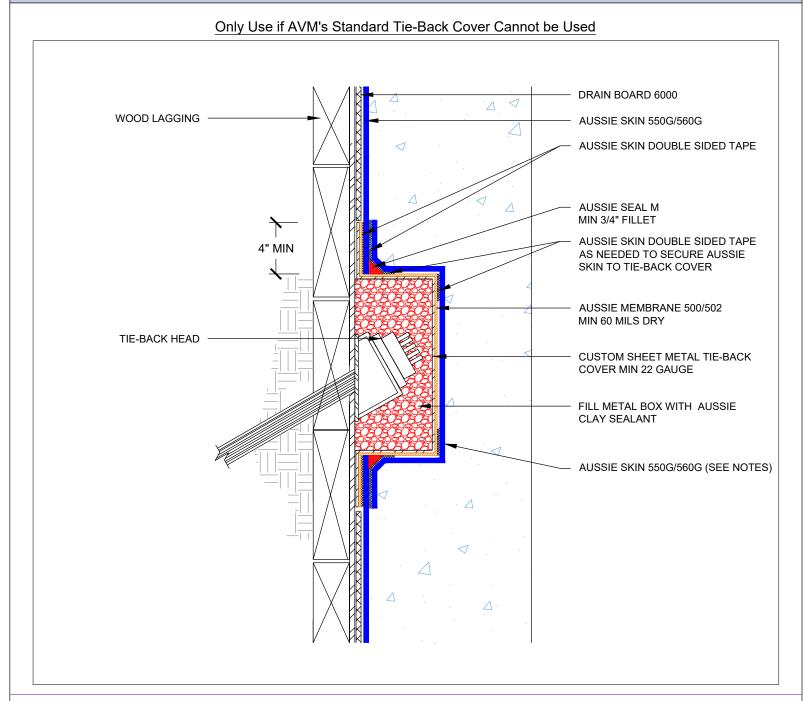
FILE NAME: 0550G\_0560G-1244

DETAIL #: 0550G\_0560G-1530

Aussie Skin 550G/560G

# Metal Tie-Back Cover Single Layer System





#### Notes:

1. Relief cuts may be needed to form Aussie Skin around tie-back cover. All relief cuts should be covered with Sanded Tape.

2. All nails, screws etc used to hang the Aussie Skin above the water table must be non-rusting and sealed with AVM approved Sealant.

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FILE NAME: 0550G\_0560G-1530

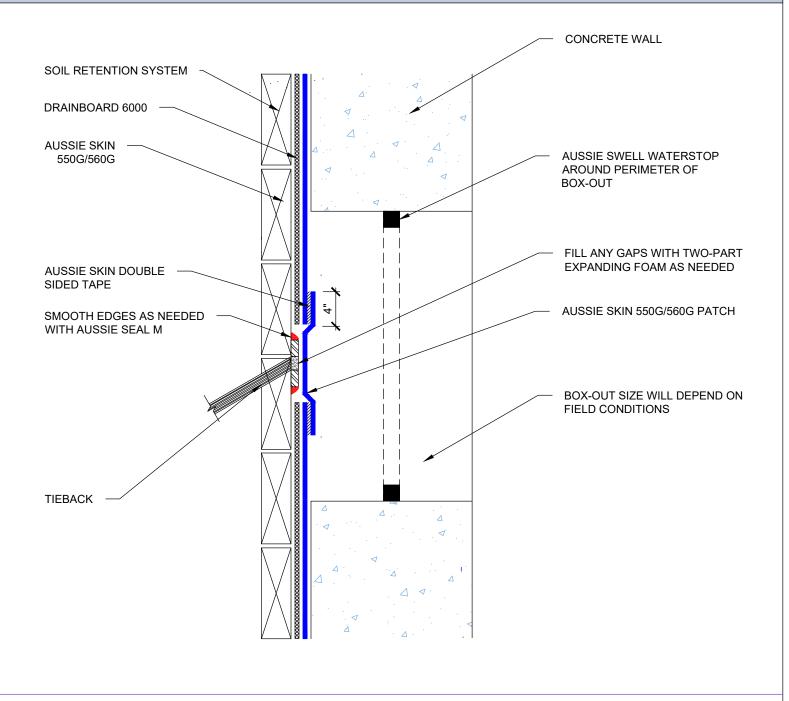
DETAIL #:

AVM-0550G\_0560G-1531

Aussie Skin 550G/560G

# Detensioned Tie-Back Box-out Single Layer System





## Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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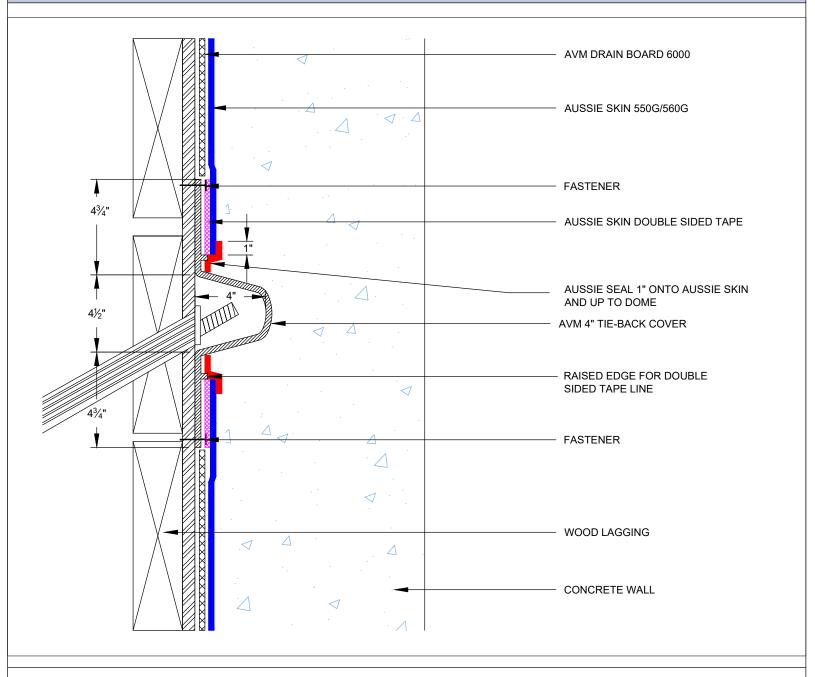
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1531

DETAIL #: 0550G\_0560G-1532 AVM System 550G/560G

4" Tie-Back Cover Single Layer System





## Notes:

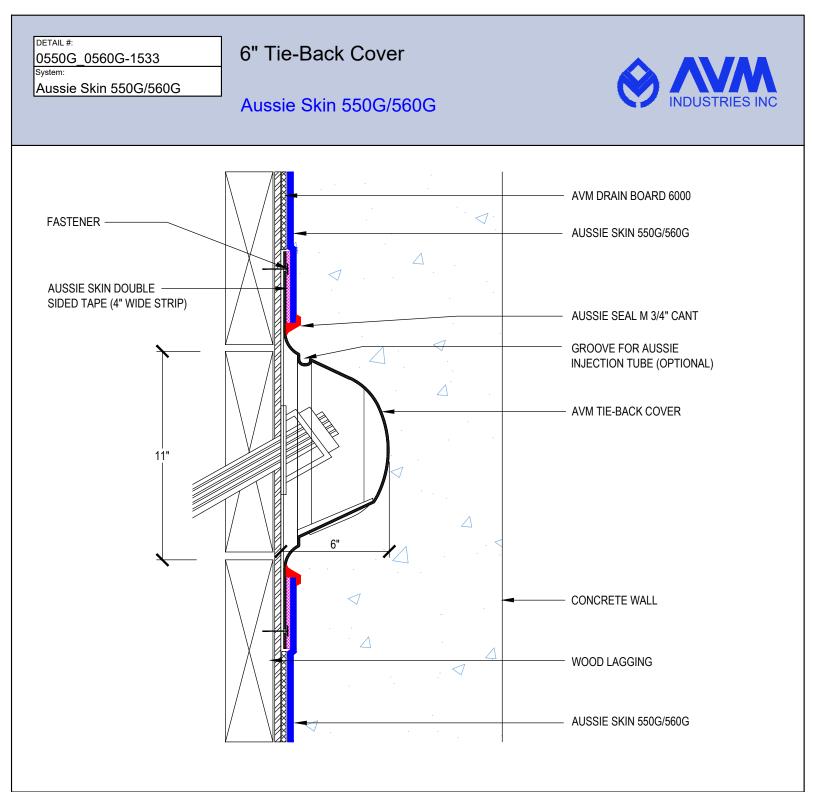
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-1532

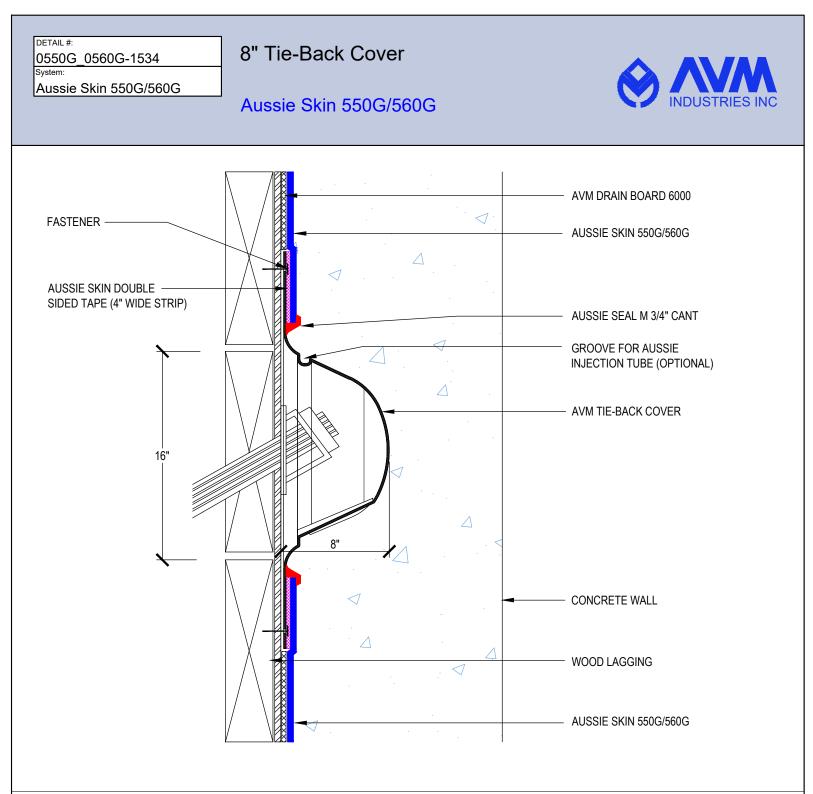


1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-1533



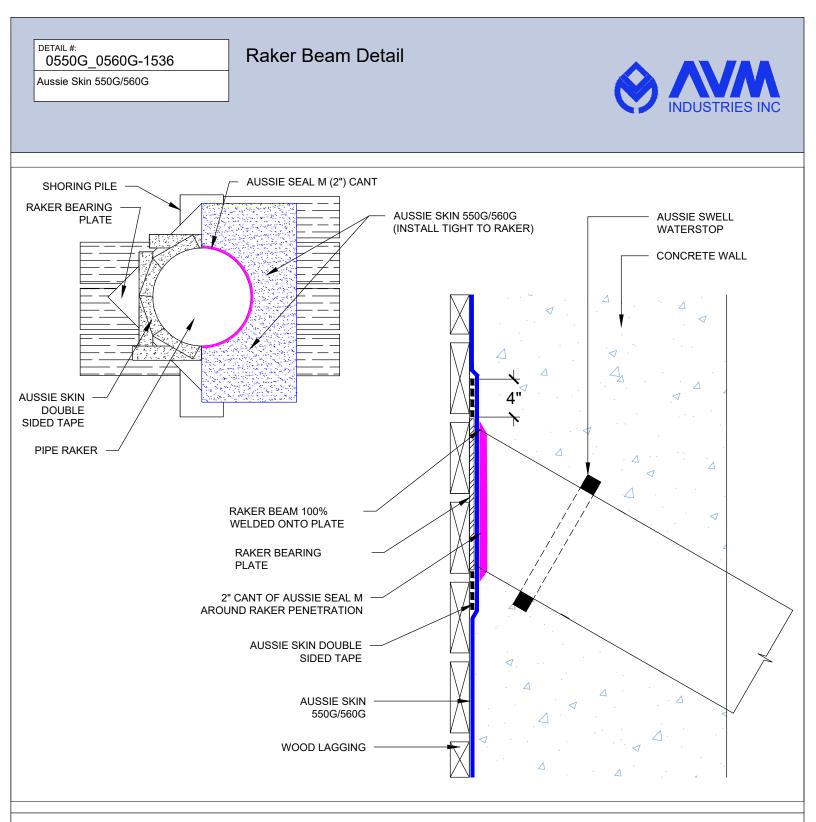
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-1534



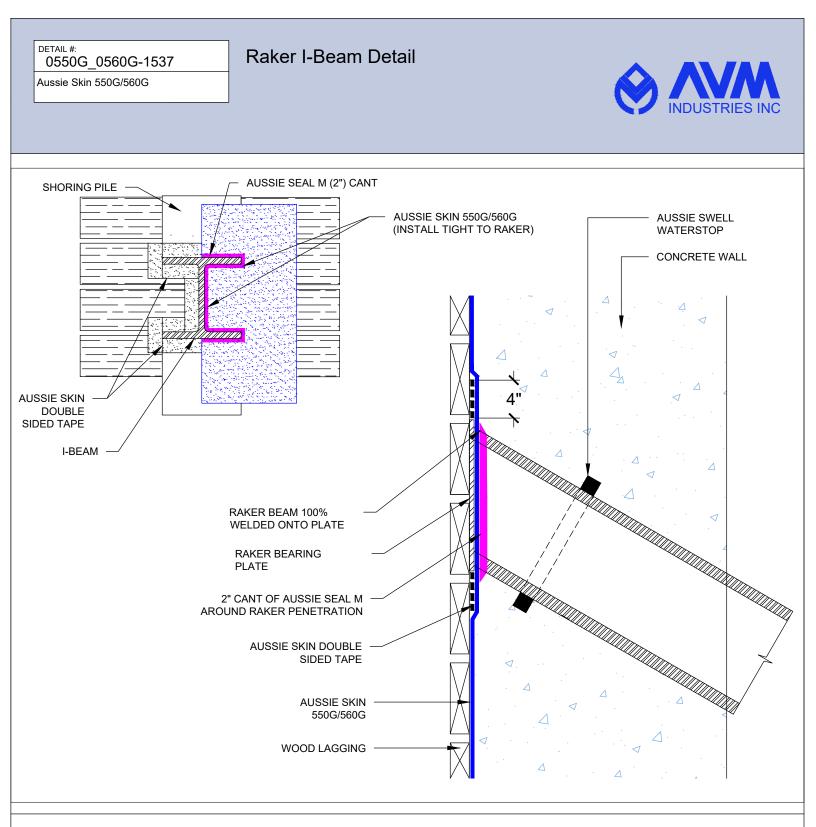
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-1536



1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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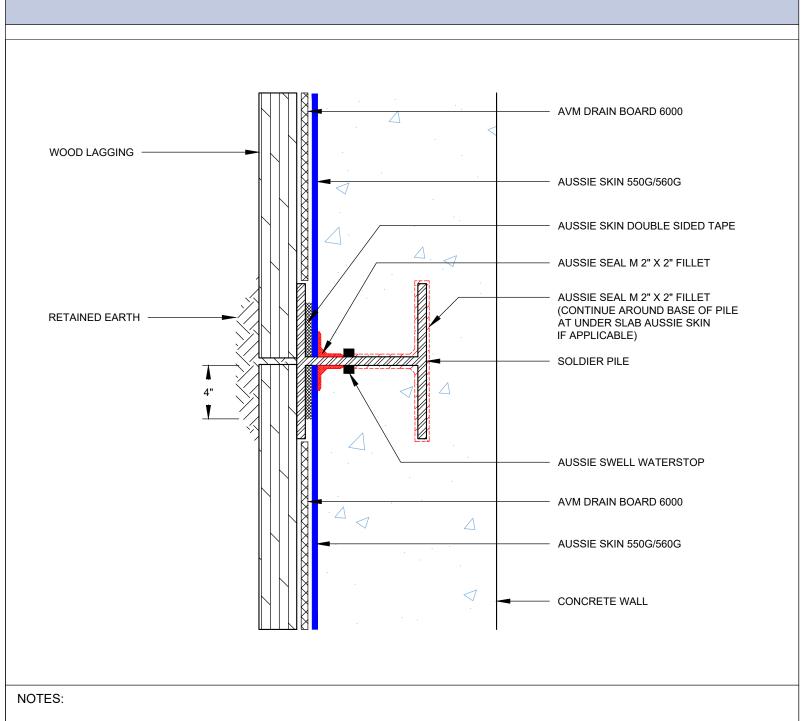
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1537

DETAIL #: 0550G\_0560G-1540 AVM System 550G/560G

## Back Lagged Soldier Pile Single Layer System





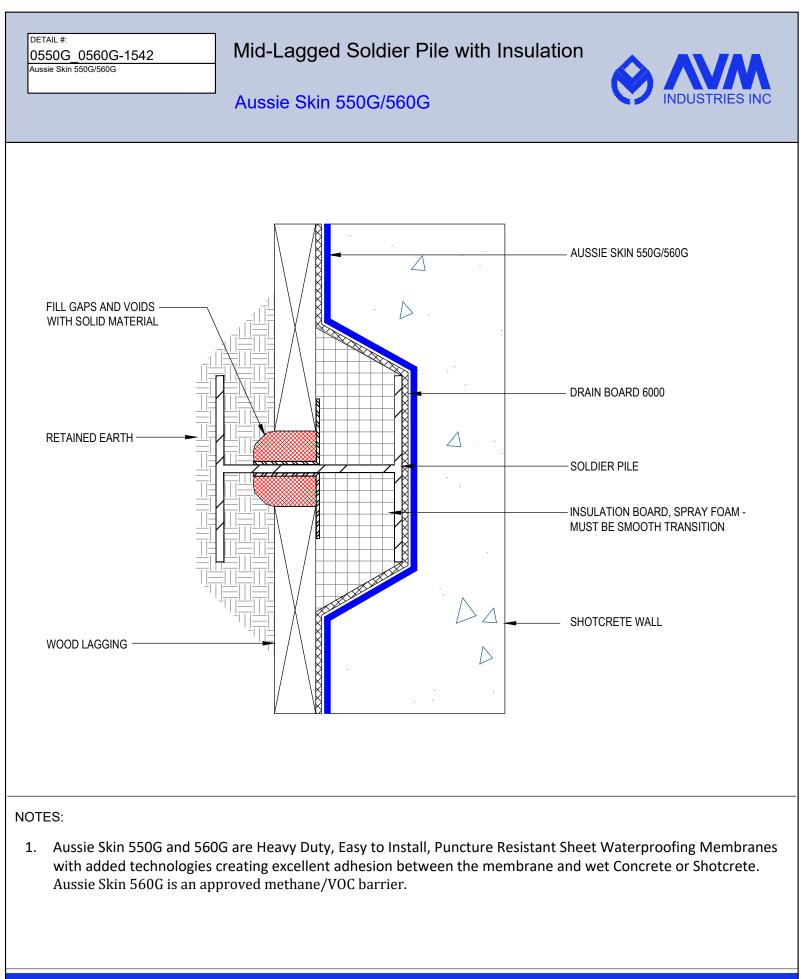
 Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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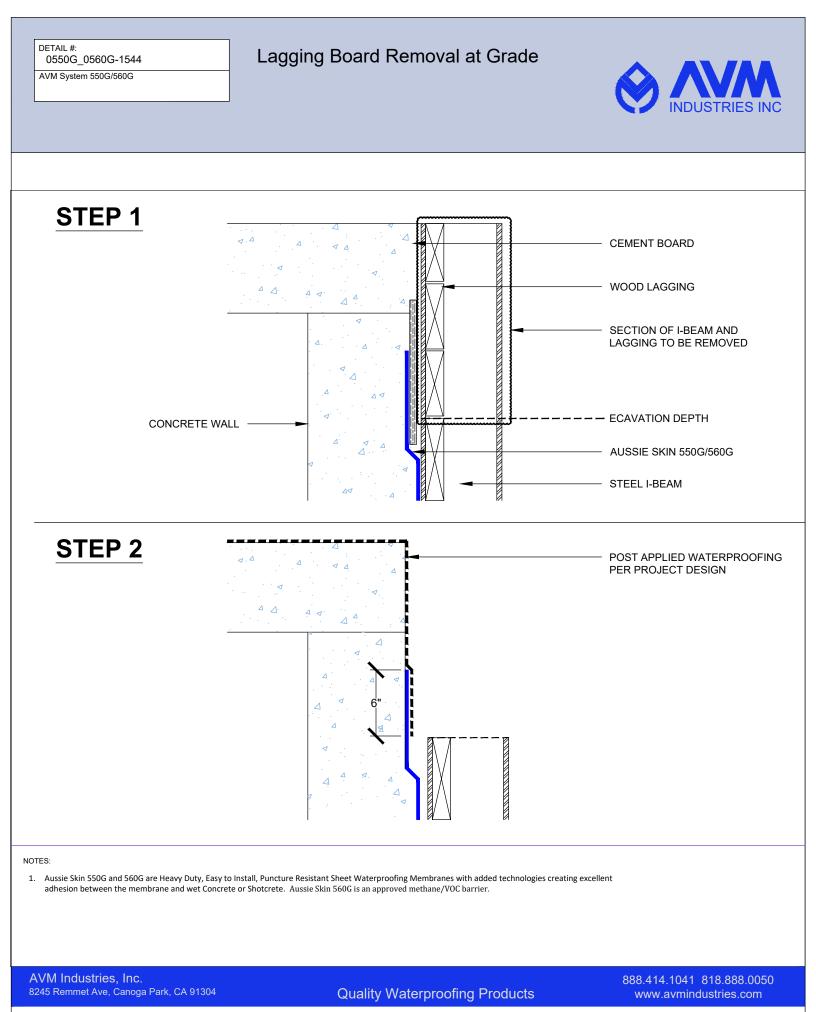
FILE NAME: 0550G\_0560G-1540



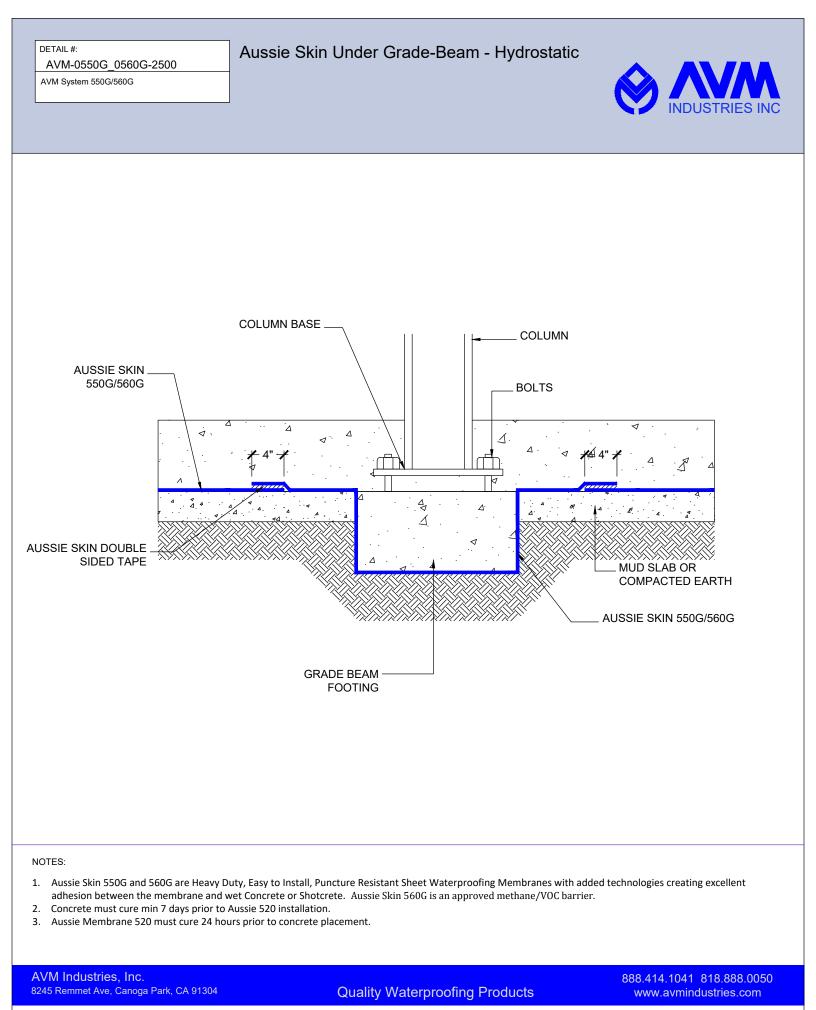
Quality Waterproofing Products

888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_0560G-1542



FILE NAME: 0550G\_0560G-1544

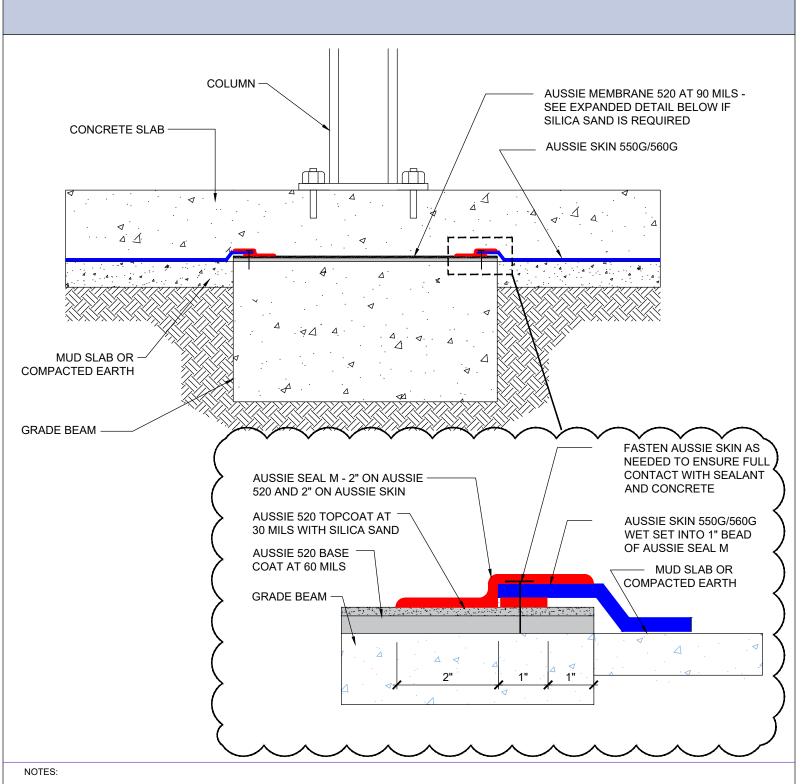


FILE NAME: 0550G\_0560G-2500

DETAIL #:

Aussie Skin Over Grade-Beam - Hydrostatic





1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

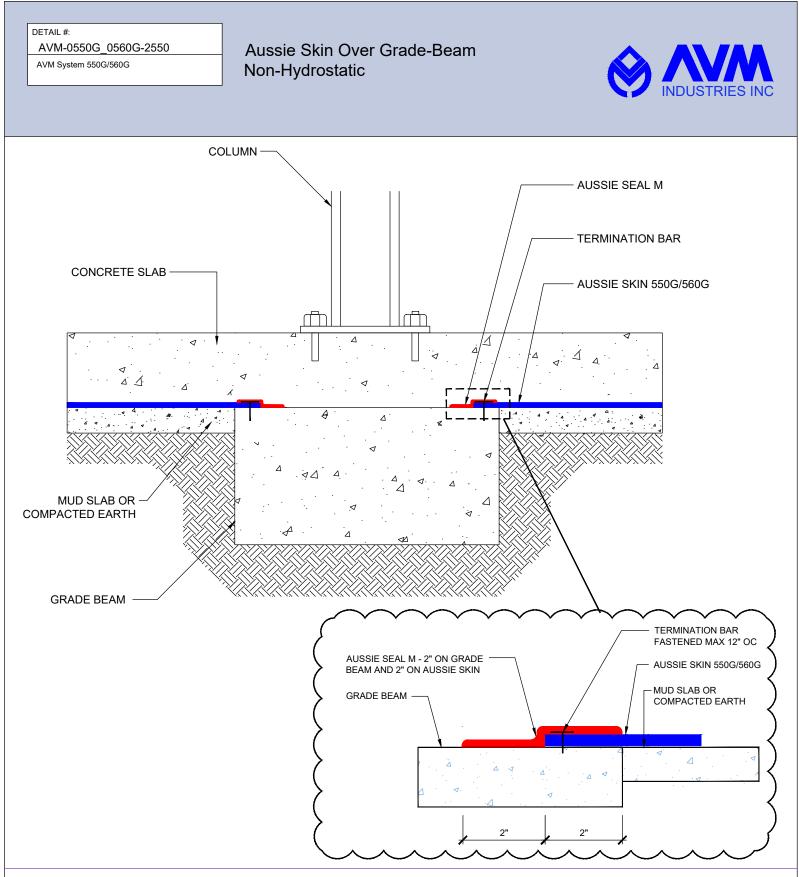
- 2. Concrete must cure min 7 days prior to Aussie 520 installation.
- 3. Aussie Membrane 520 must cure 24 hours prior to concrete placement.

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Quality Waterproofing Products

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FILE NAME: 0550G\_0560G-2540



#### NOTES:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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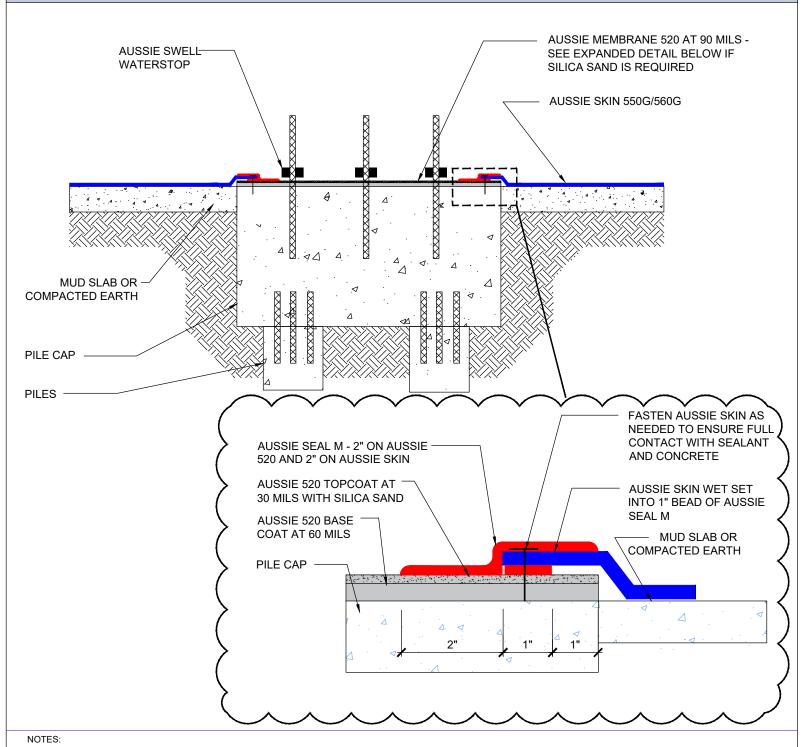
FILE NAME: 0550G\_0560G-2550

DETAIL #: AVM-0550G\_0560G-2610

AVM System 550G/560G

Pile Cap Detail - Hydrostatic





1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

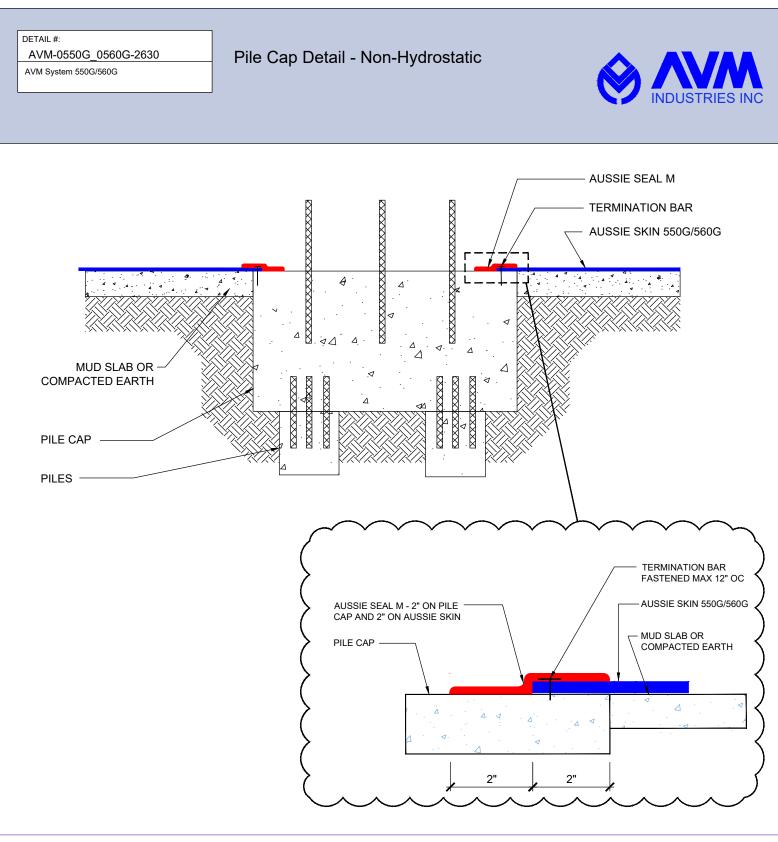
- 2. Concrete Surface must be free of dirt, debris, release agents and anything else that might inhibit bonding.
- 3. Concrete surface must be structurally sound, uniform and finished with a light broom finish.
- 4. Aussie Membrane 520 must cure 24 hours prior to concrete placement.

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FILE NAME: 0550G\_0560G-2610



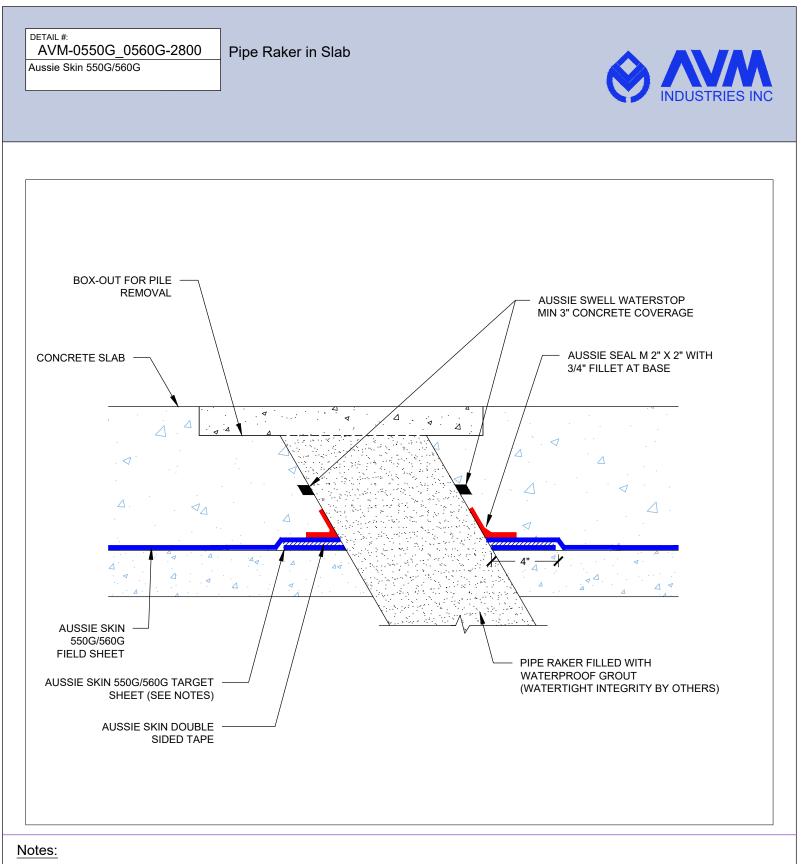
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-2630

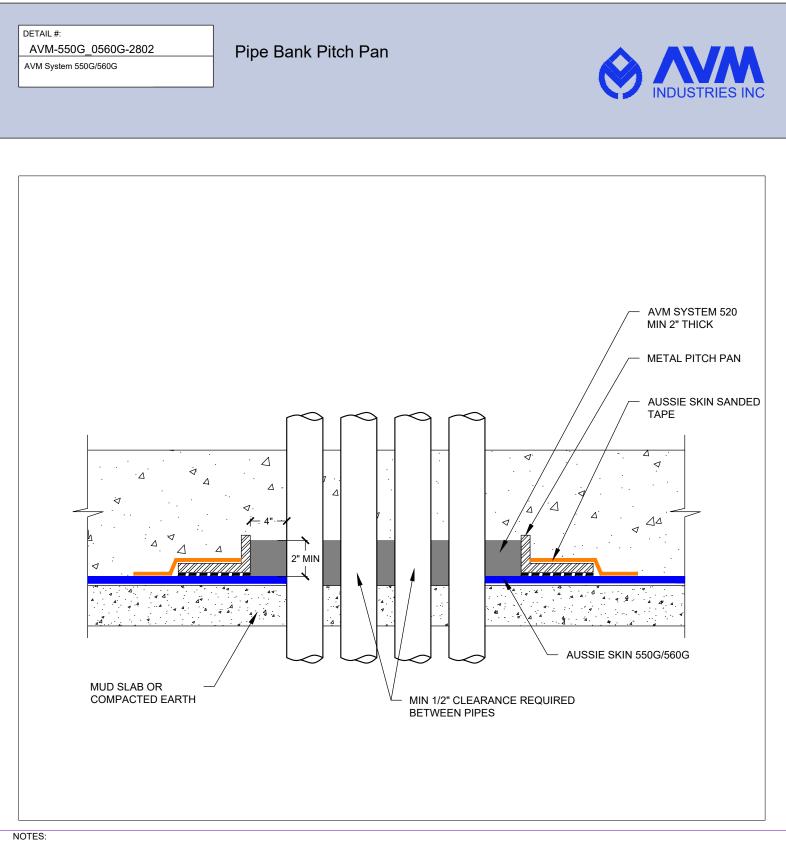


- 1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.
- 2. Steel must be clean and rust free prior to applying Aussie Seal M.
- 3. Aussie Skin target sheet only necessary if field sheet is not cut tightly around pipe with gaps >1/4"

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FILE NAME: 0550G\_0560G-2800



1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

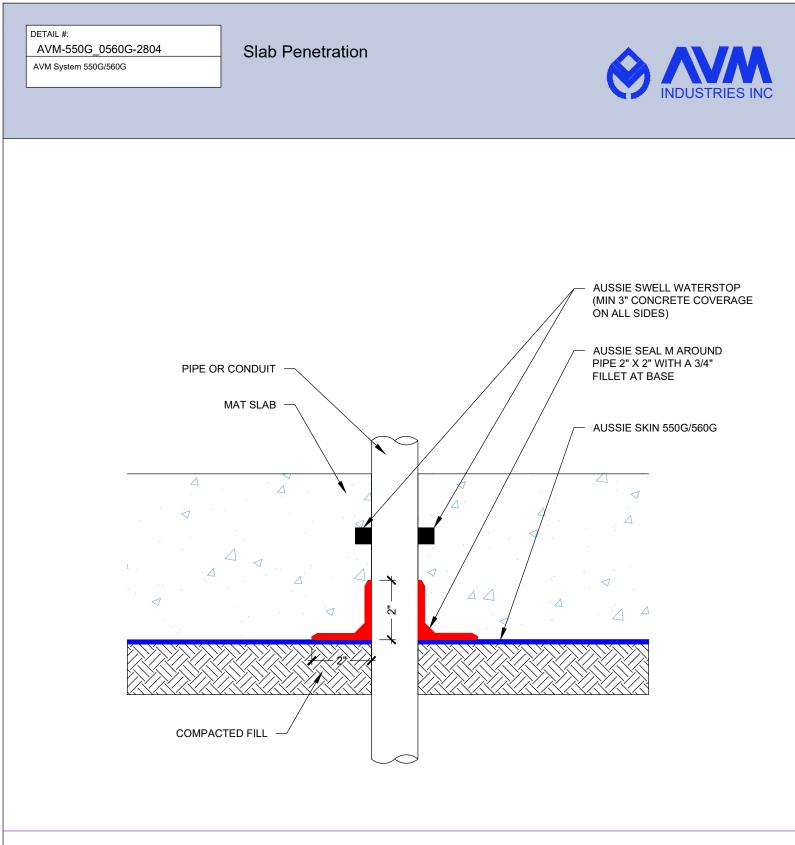
2. Aussie Membrane 520 should be cured prior to concrete placement which may take up to 72 hours. Please consult AVM if scheduling does not allow this.

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FILE NAME: 0550G\_0560G-2802



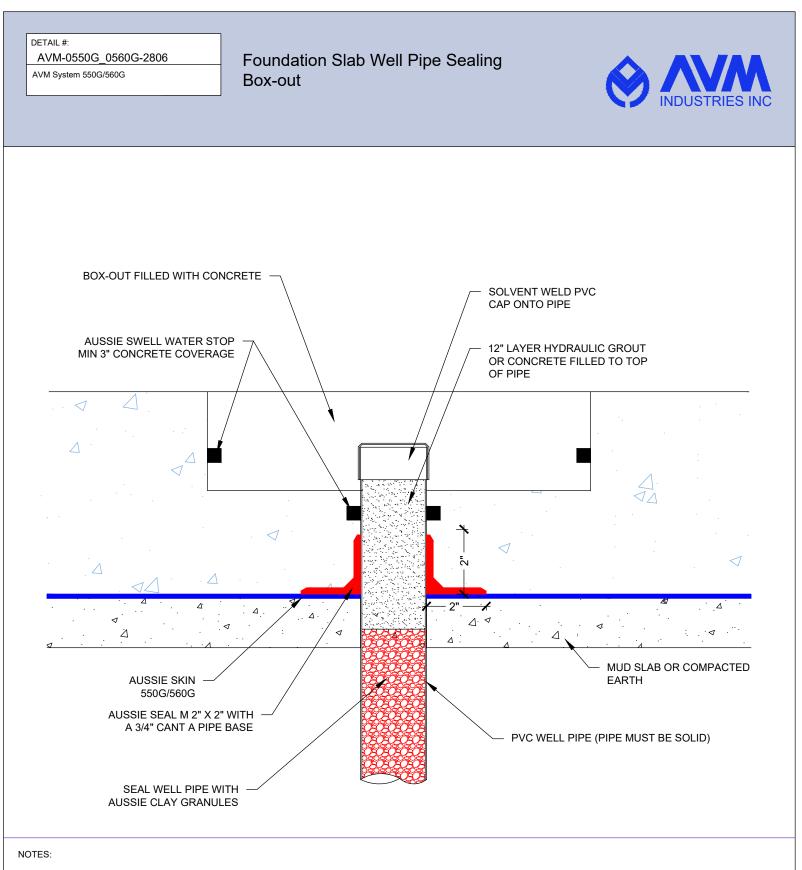
 Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-2804



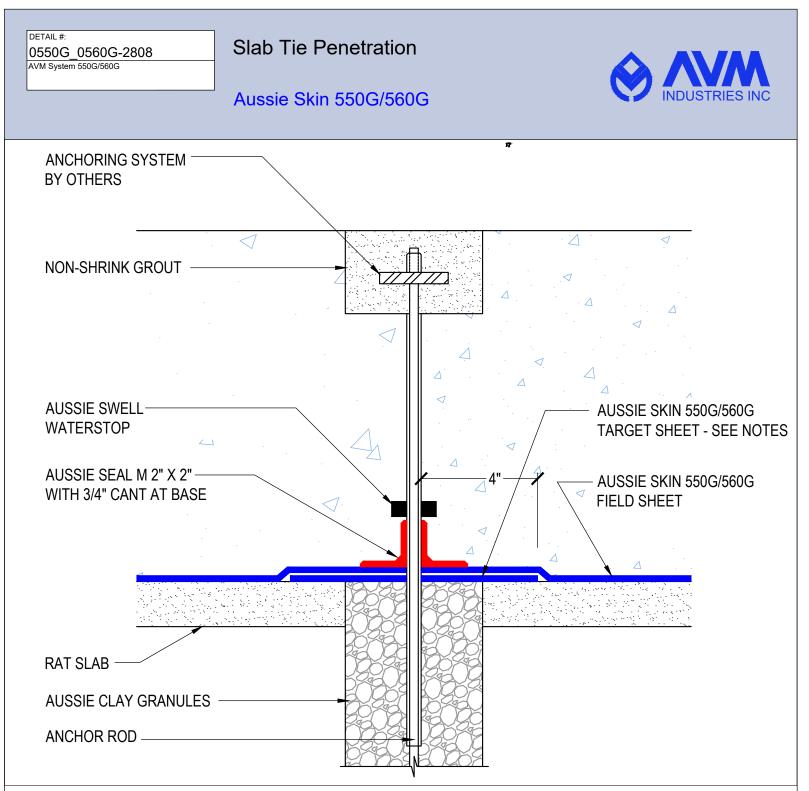
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-2806



Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

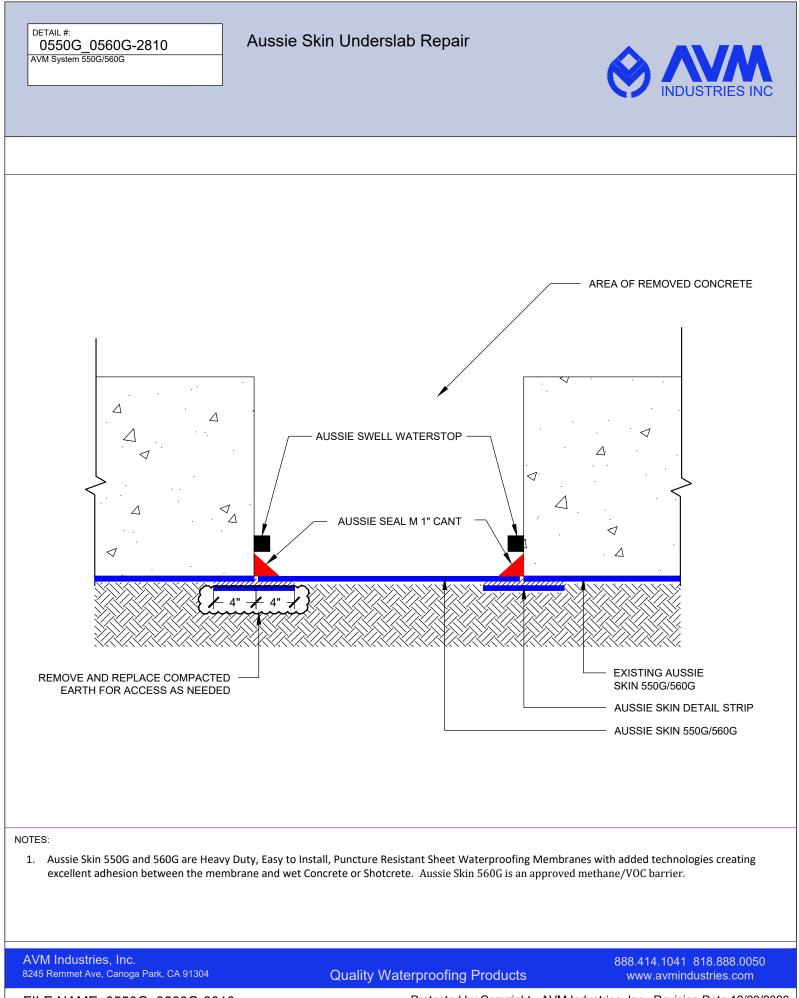
2. Target sheet is required if gap between field sheet and rod is >2"

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FILE NAME: 0550G\_0560G-2808



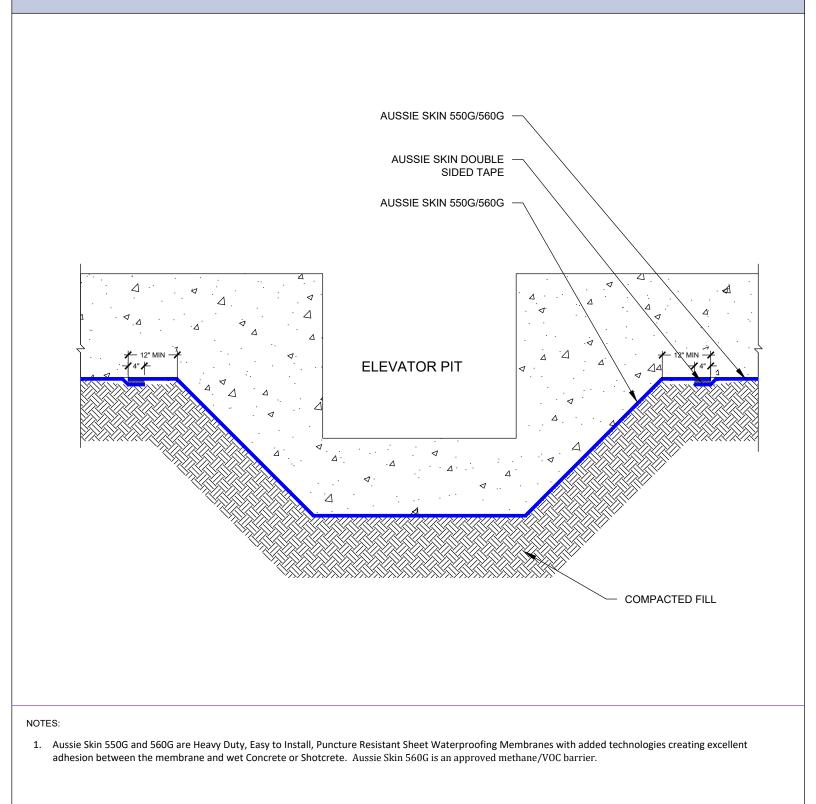
FILE NAME: 0550G\_0560G-2810

DETAIL #:

AVM-550G\_560G-3000 Aussie Skin 550G/560G Elevator Pit Over Aussie Skin



# Aussie Skin 550G/560G



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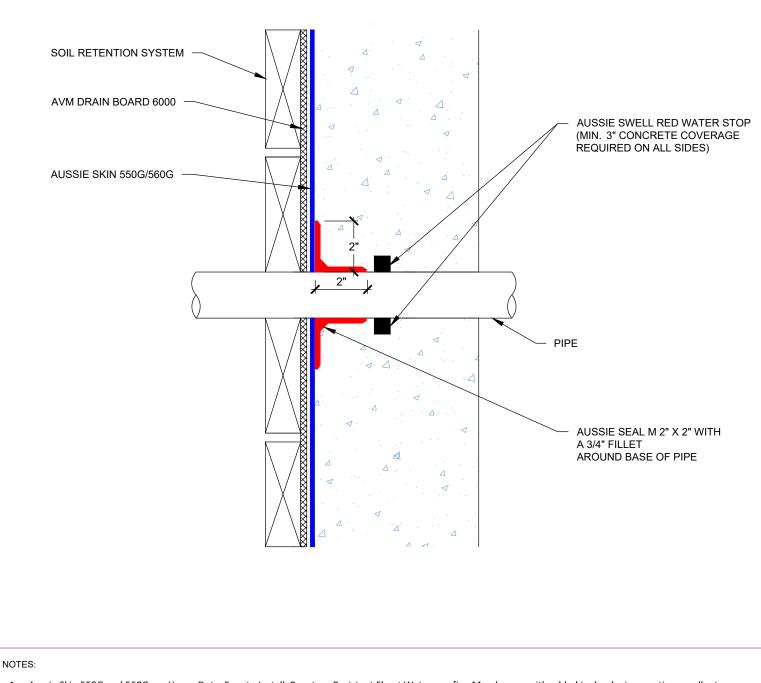
FILE NAME: 0550G\_0560G-3000

DETAIL #: AVM-0550G\_0560G-4000 AVM System 550G/560G

Through Wall Penetration Sealant on Sanded Side - Single System



# Aussie Skin 550G/560G



1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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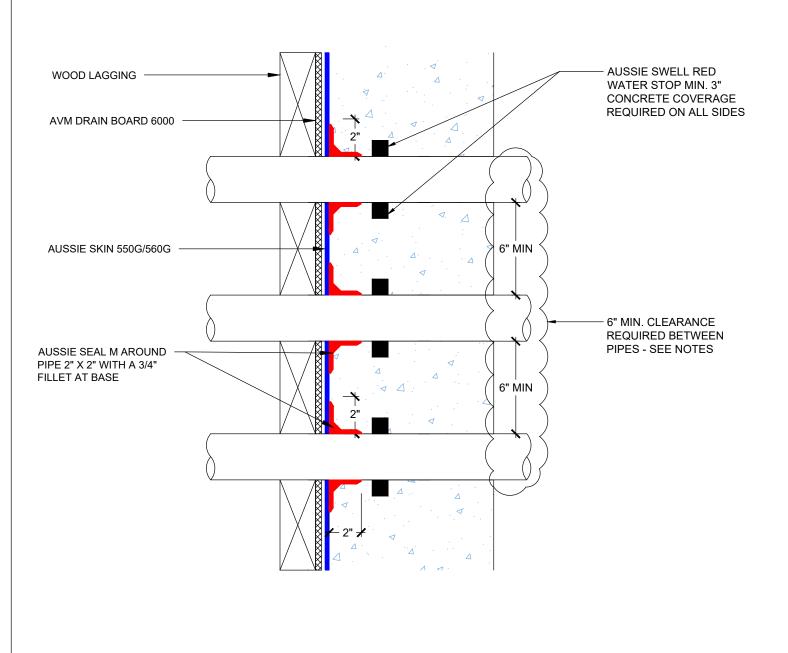
FILE NAME: 0550G\_0560G-4000

DETAIL #: AVM-0550G\_0560G-4002 AVM System 550G/560G

Multiple Pipe Penetration Sealant on Sanded Side - Single System



## Aussie Skin 550G/560G



#### NOTES:

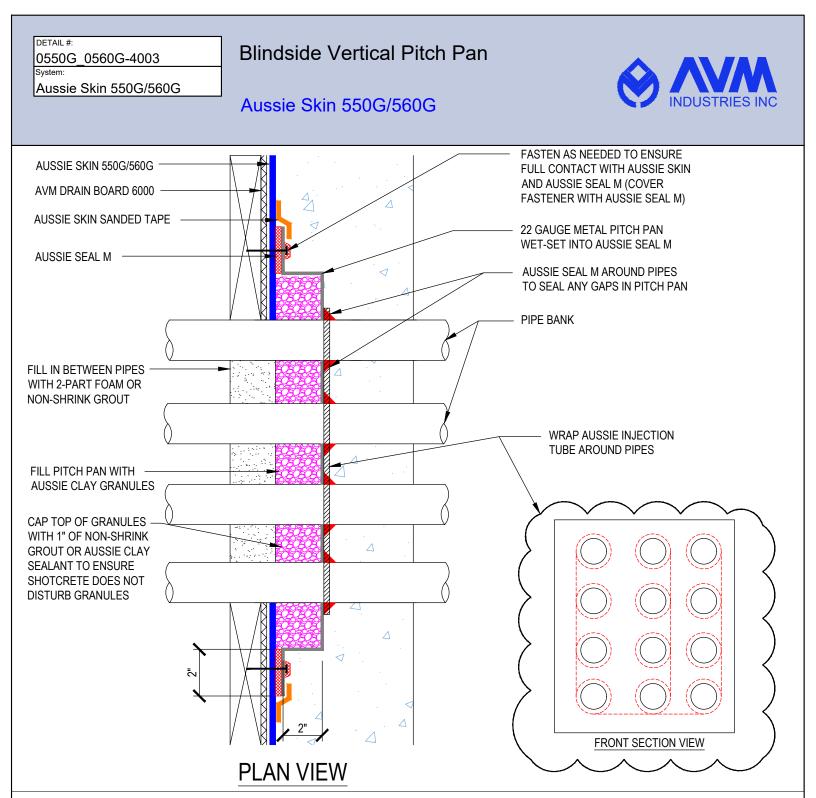
- Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.
- 2. PVC or metal pipe must be clean and free of foreign matter that would prevent Aussie Seal M adhesion.
- 3. 6" minimum spacing required between multiple pipes. Closer spacing may be allowed with specific limitations and required enhancements prior to job start in writing from AVM

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FILE NAME: 0550G 0560G-4002



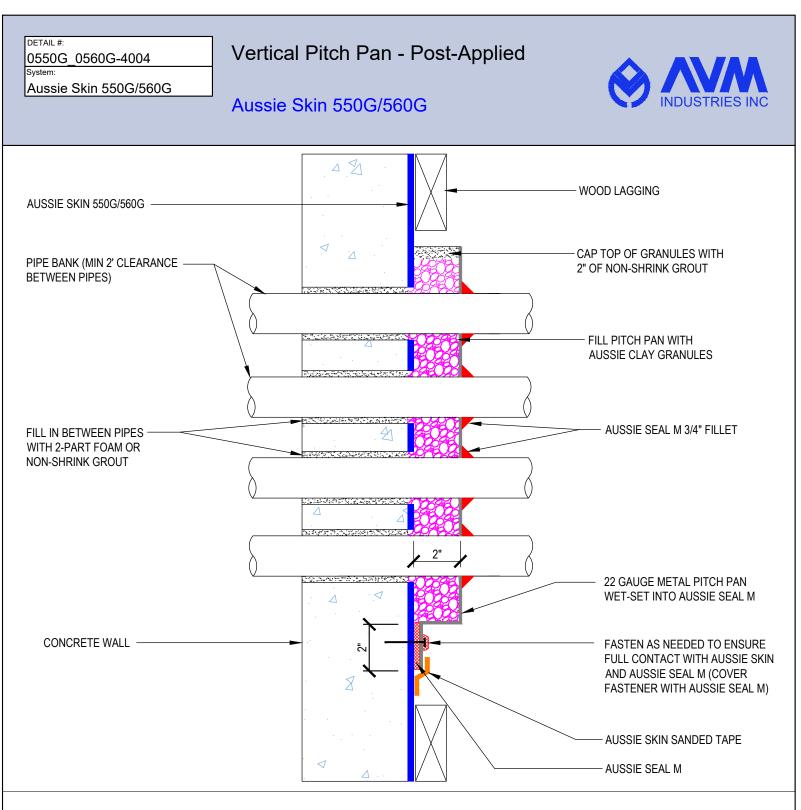
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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#### FILE NAME: 0550G\_0560G-4003



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Notes:
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1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-4004

DETAIL #:

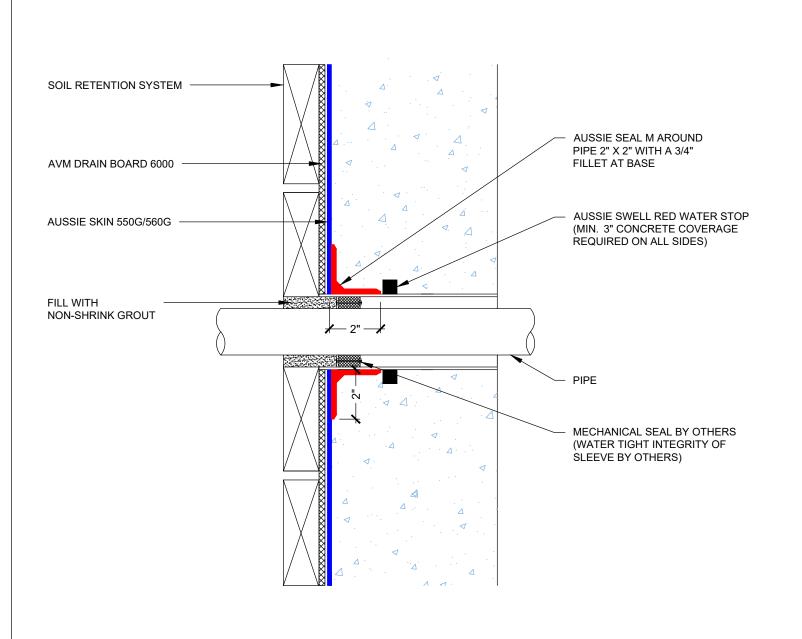
AVM-550G\_0560G-4005

AVM System 550G/560G

Sleeved Pipe Penetration Single System



## Aussie Skin 550G/560G



#### Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G\_0560G-4005

DETAIL #:

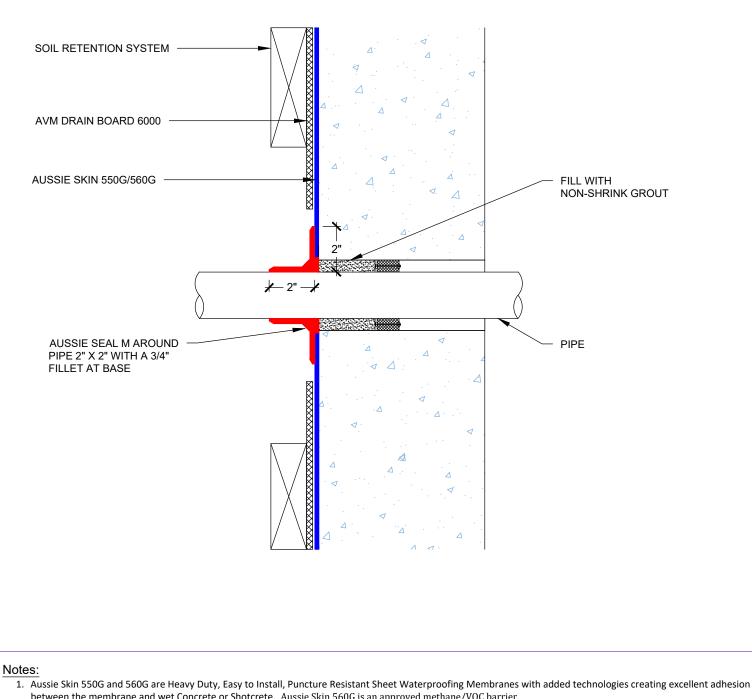
AVM-0550G 0560G-4010

AVM System 550G/560G

Pipe Penetration Sealant on HDPE Side Single System



## Aussie Skin 550G/560G



between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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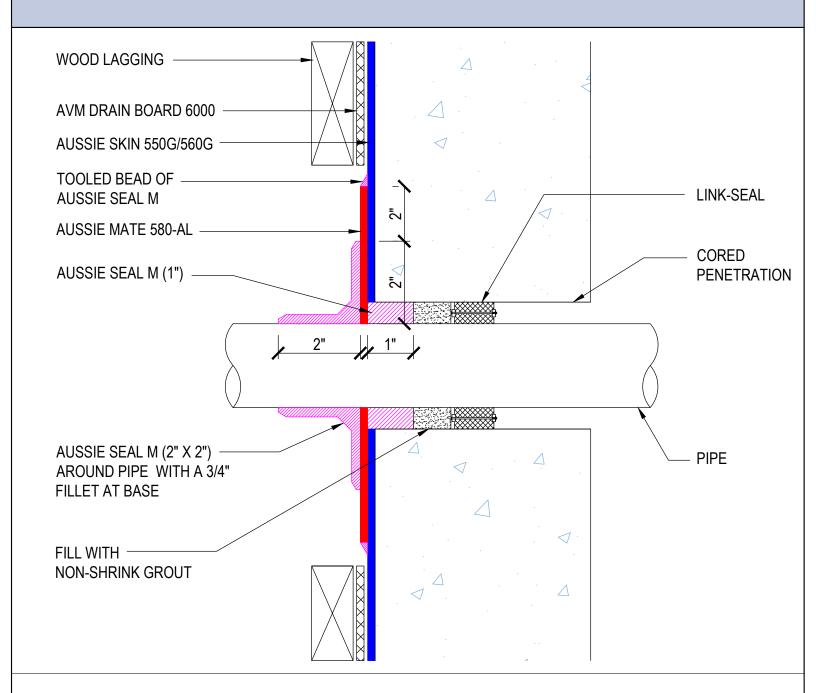
FILE NAME: 0550G\_0560G-4010

DETAIL #: 0550G\_560G-4015 Aussie Skin 550G/560G

Cored Penetration Sealant on HDPE Side



## Aussie Skin 550G/560G



#### Notes:

1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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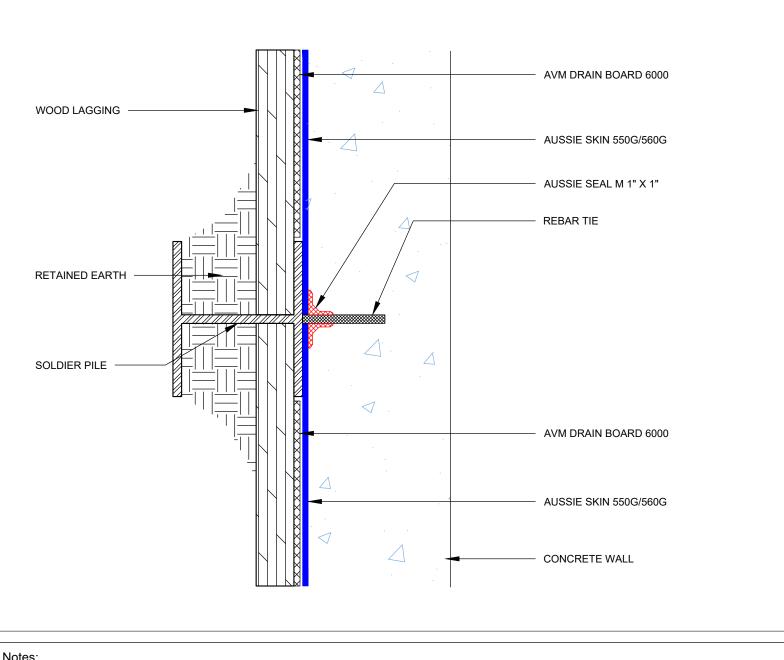
FILE NAME: 0550G\_0560G-4015

DETAIL #: 0550G 0560G-4100 AVM System 550G/560G

**Rebar Tie** Single Layer System



Aussie Skin 550G/560G



Notes:

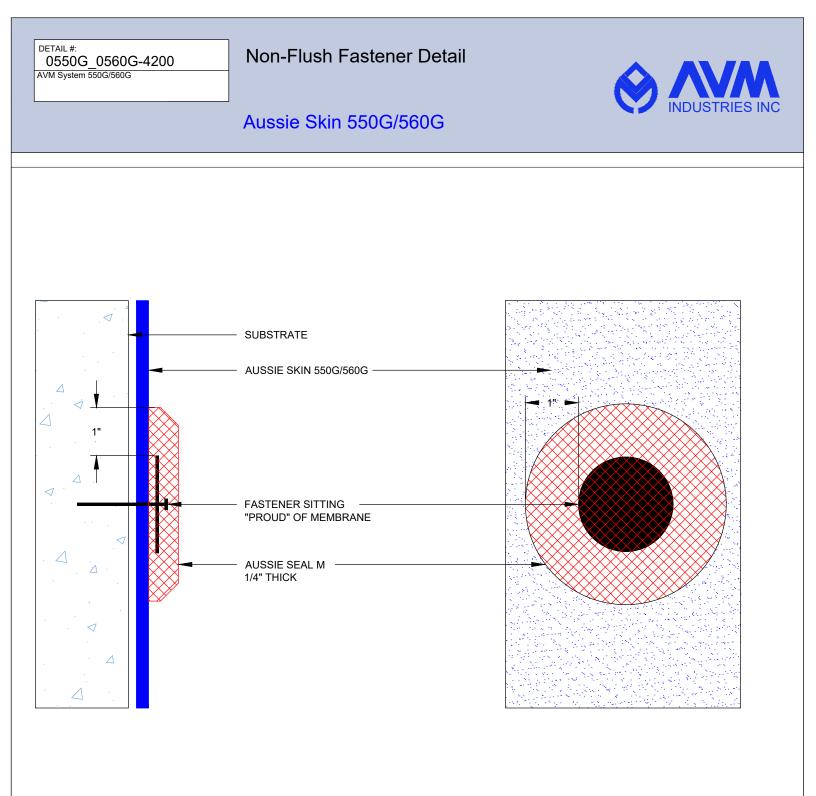
1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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FILE NAME: 0550G 0560G-4100



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### FILE NAME: 0550G\_0560G-4200

DETAIL #: AVM-0550G\_0560G-4205

AVM System 550G/560G

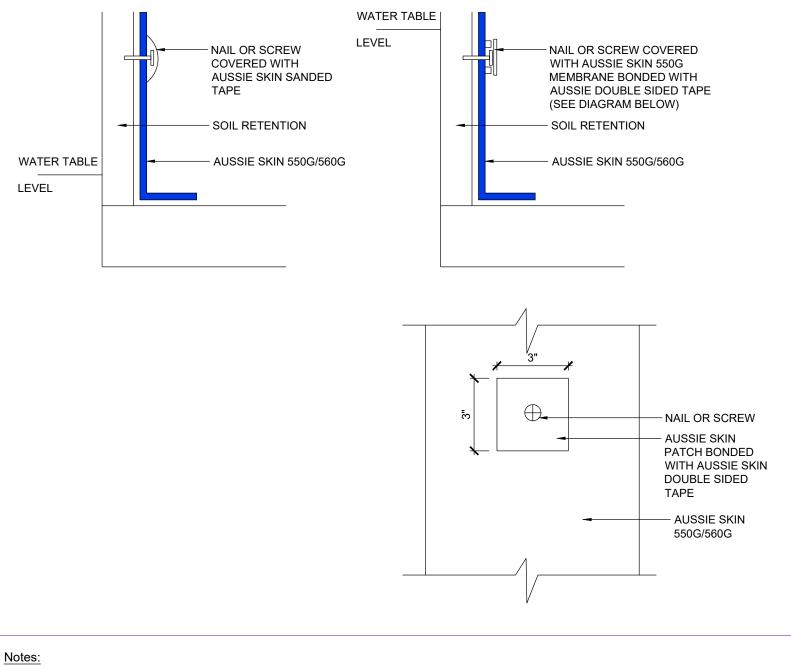
Nail/Screw Detail



## Aussie Skin 550G/556G

#### NON-WATERTABLE PATCH

#### WATERTABLE PATCH



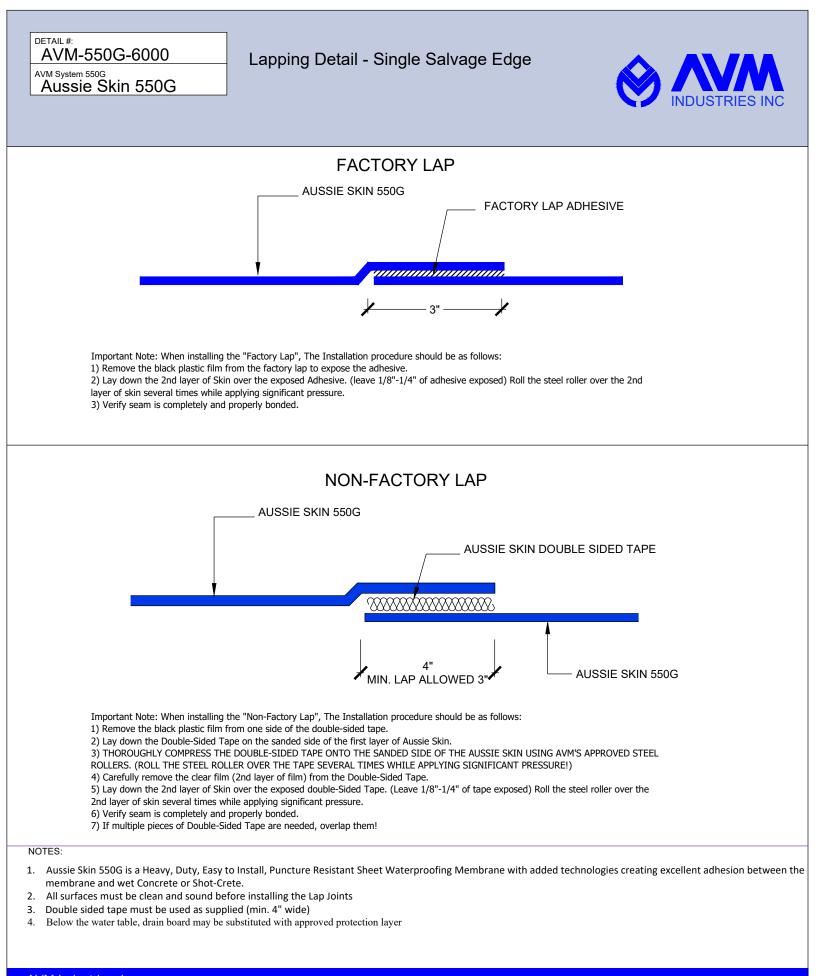
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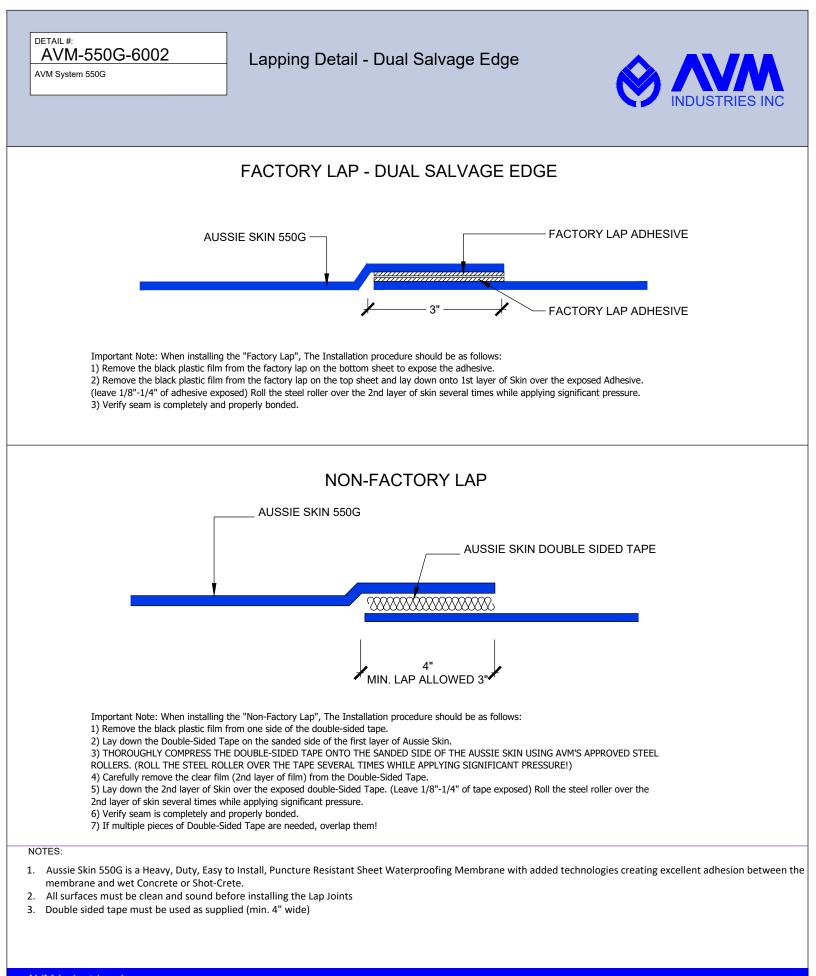
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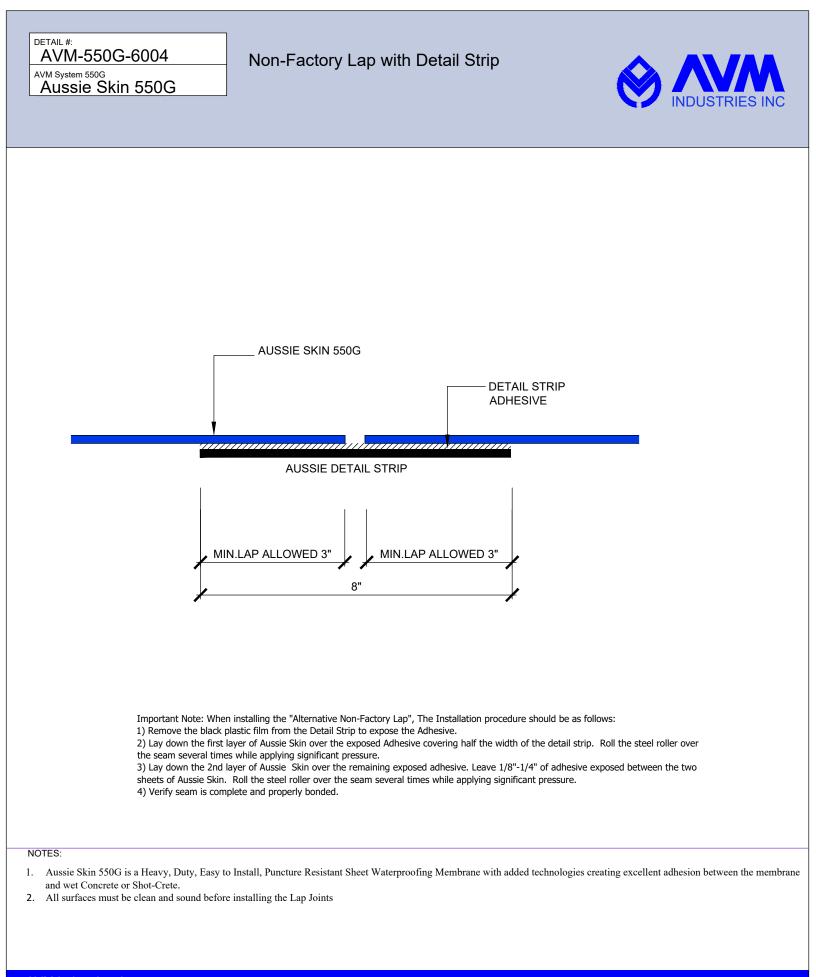
FILE NAME: 0550G-6000



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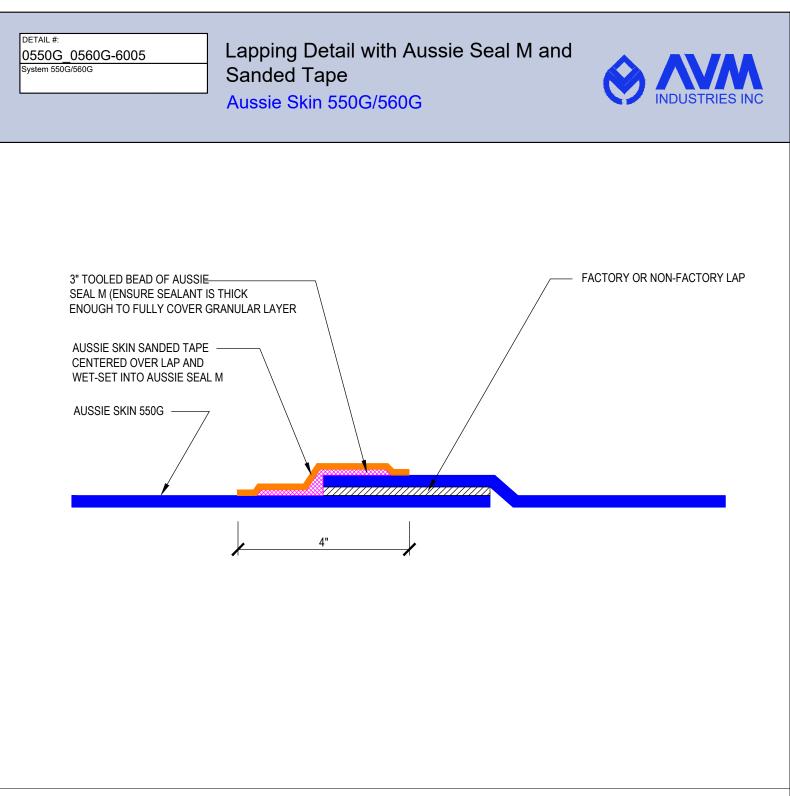
FILE NAME: 0550G-6002



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#### FILE NAME: 0550G-6004



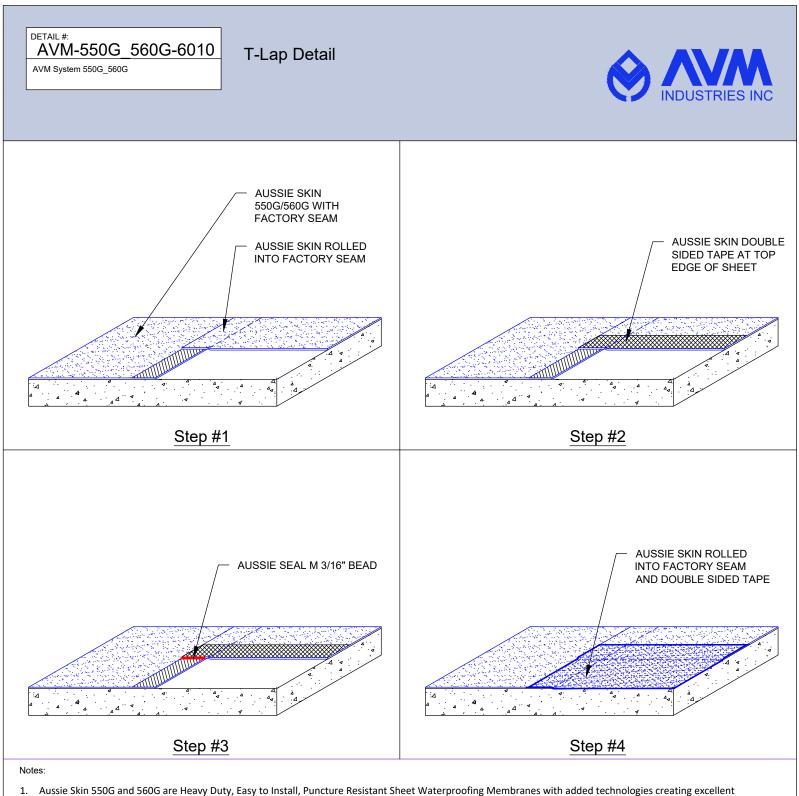
- 1. Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.
- 2. All surfaces must be clean and sound before installing the lap joints. (Remove excess sand before applying double sided tape)

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#### FILE NAME: 0550G\_0560G-6005



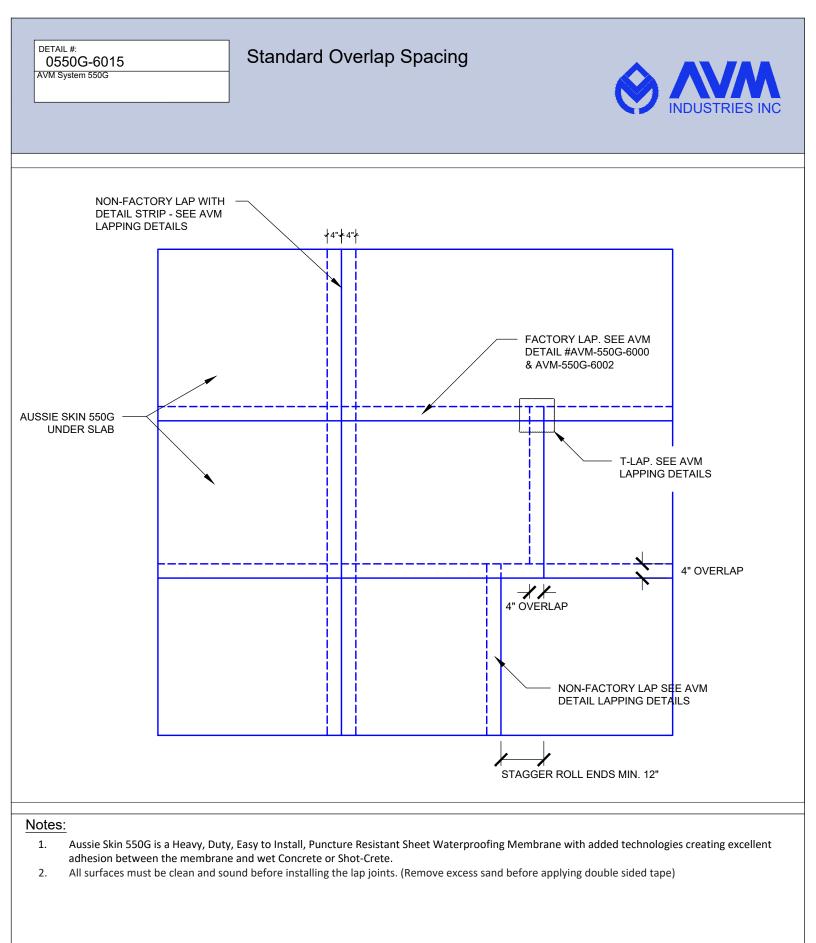
adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.

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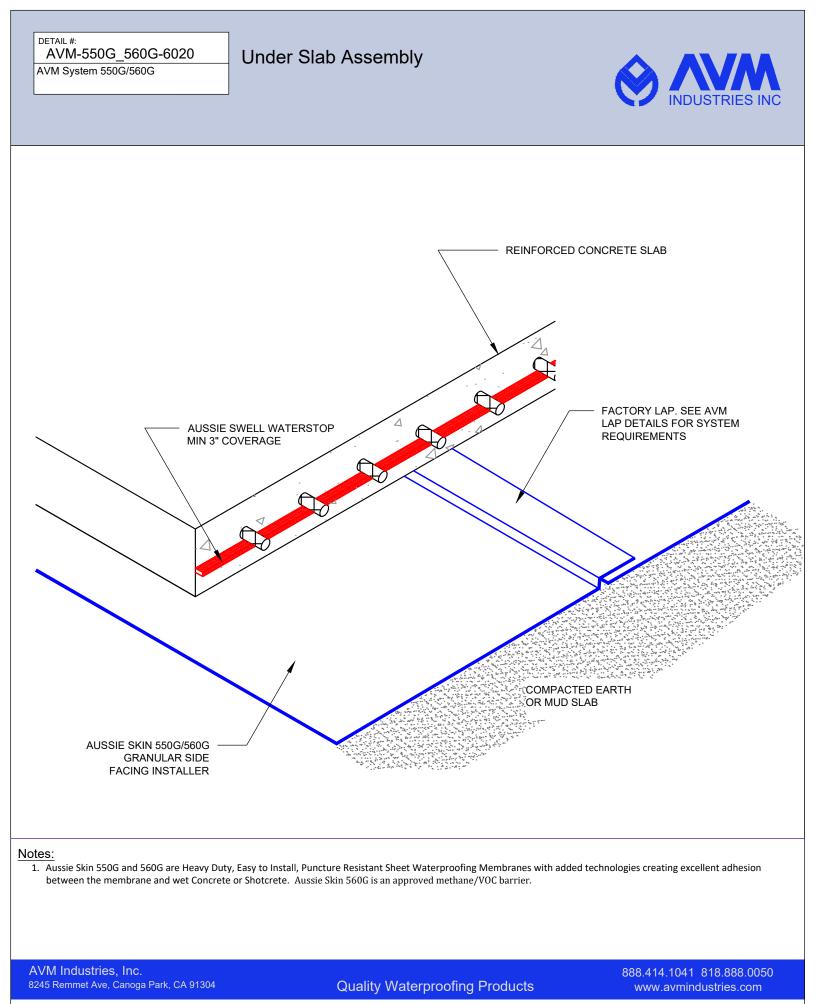
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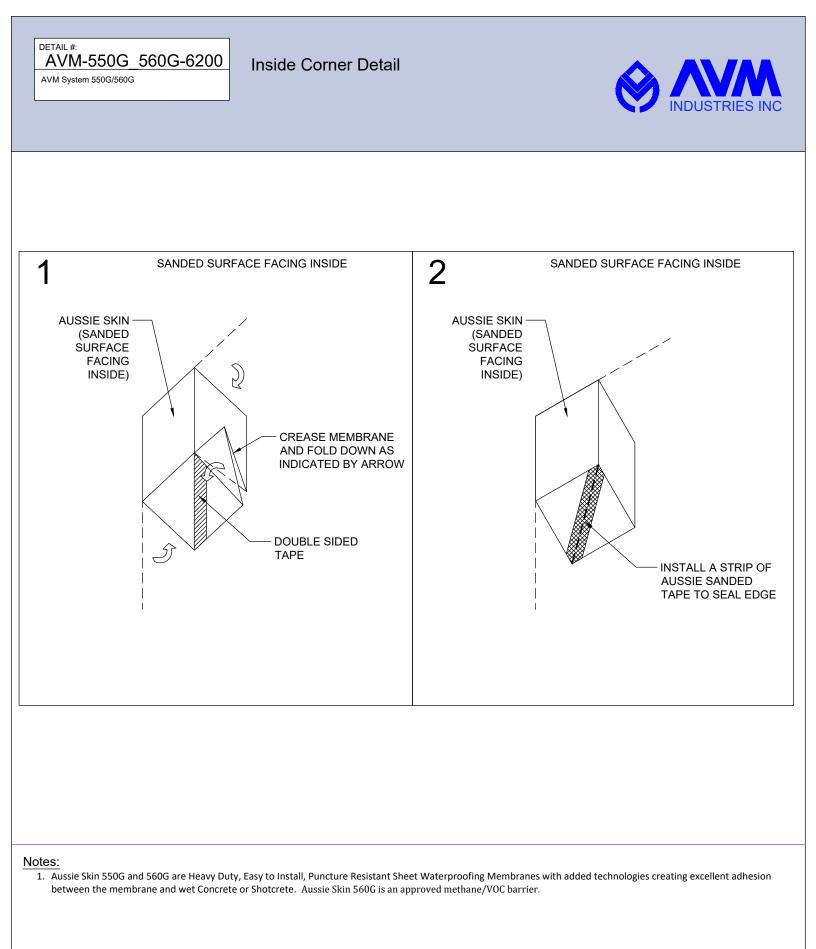
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# FILE NAME: 0550G-6015



FILE NAME: 0550G\_0560G-6020



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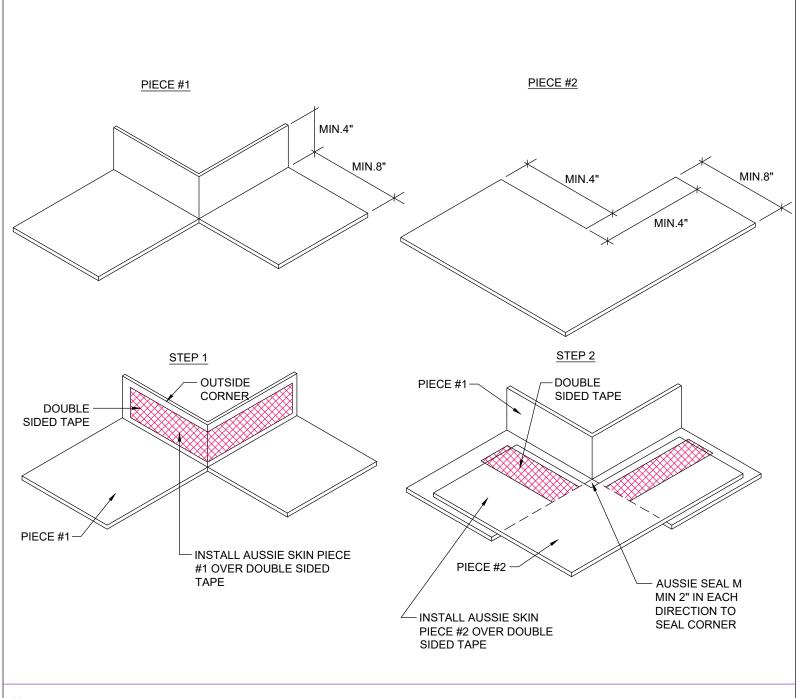
FILE NAME: 0550G\_0560G-6200



Avia System 550G\_500G

Outside Corner Detail - at Bottom of Wall





Notes:

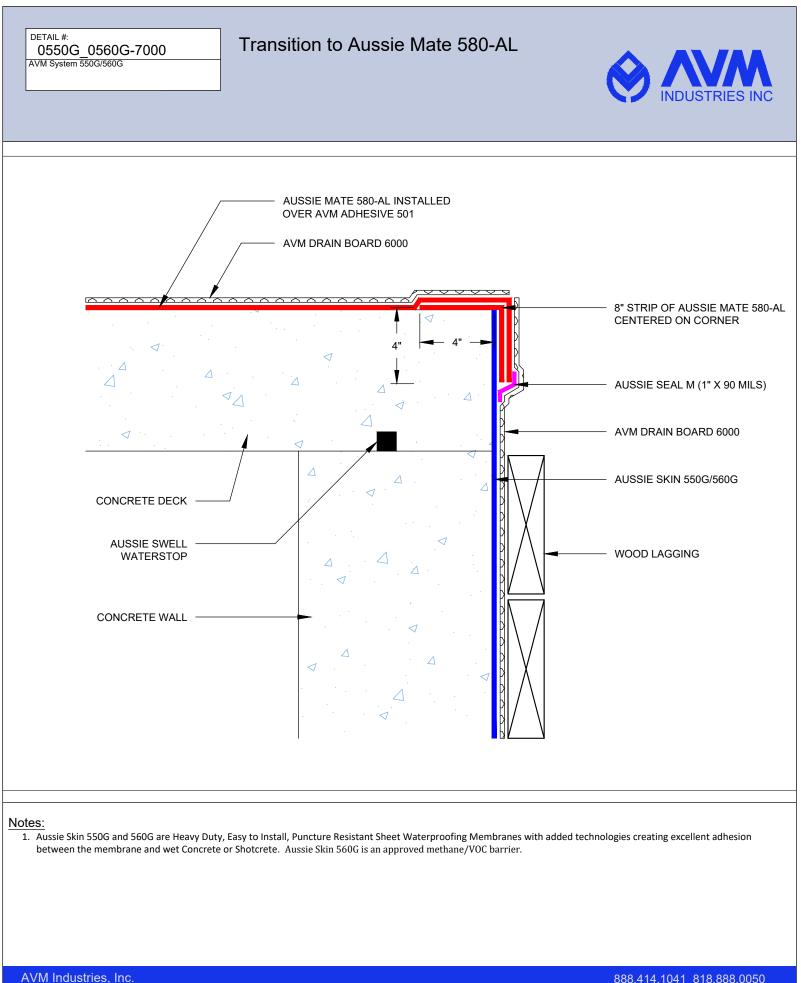
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FILE NAME: 0550G\_0560G-6260



FILE NAME: 0550G 0560G-7000

8245 Remmet Ave, Canoga Park, CA 91304

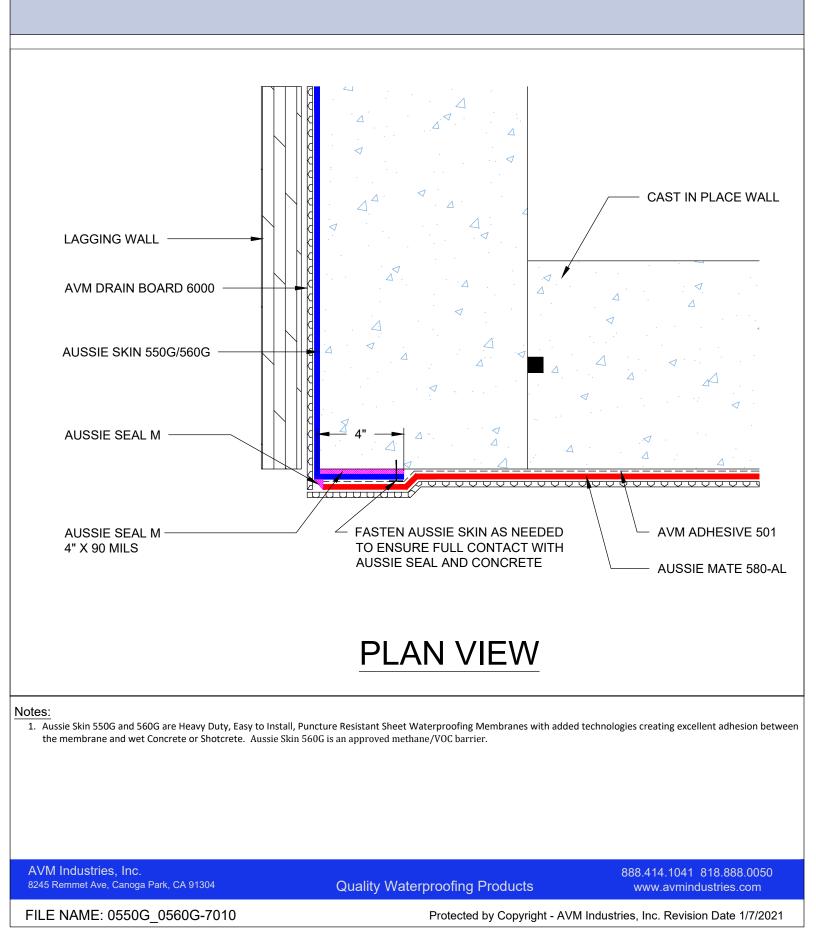
Quality Waterproofing Products

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DETAIL #: 0550G\_0560G-7010 AVM System 550G/560G

Aussie Skin Lagging Wall to Aussie Mate Free Standing Wall Transition





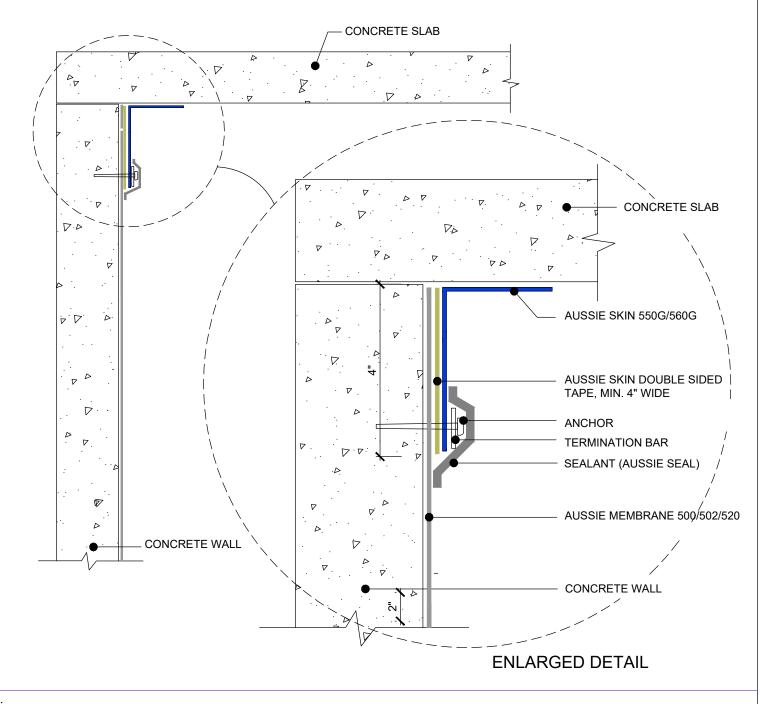
AVM-550G\_560G-7020

AVM System 550G/560G

DETAIL #:

Aussie Skin Installation over Aussie Membrane 500/502/520.





#### Notes:

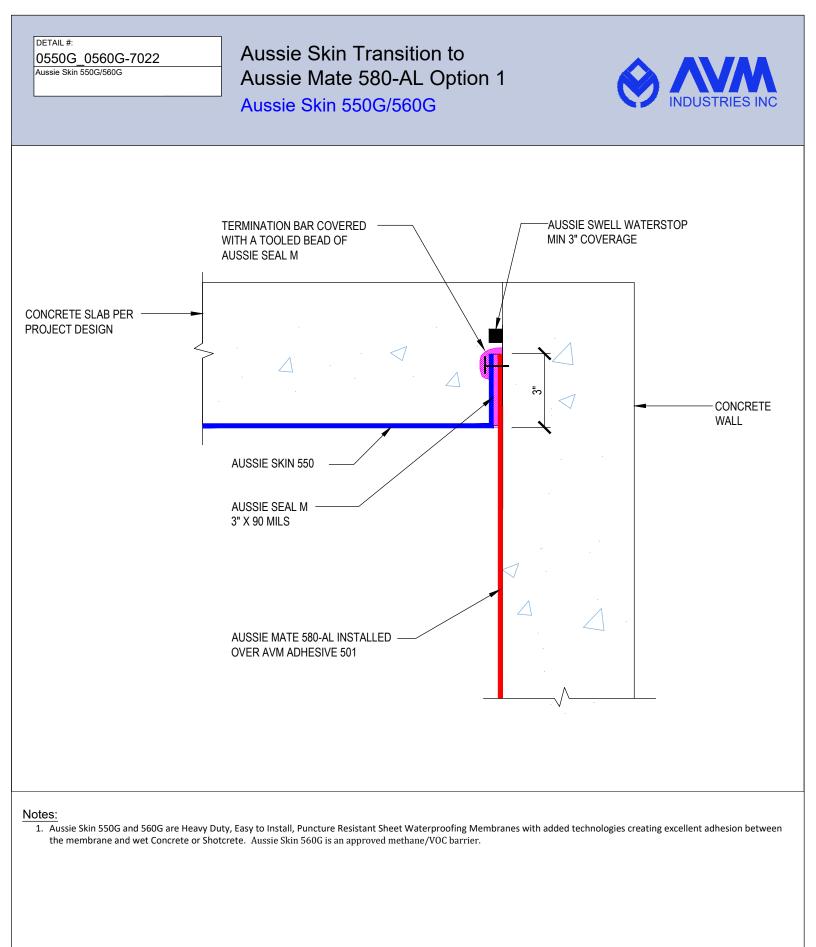
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FILE NAME: 0550G\_0560G-0014



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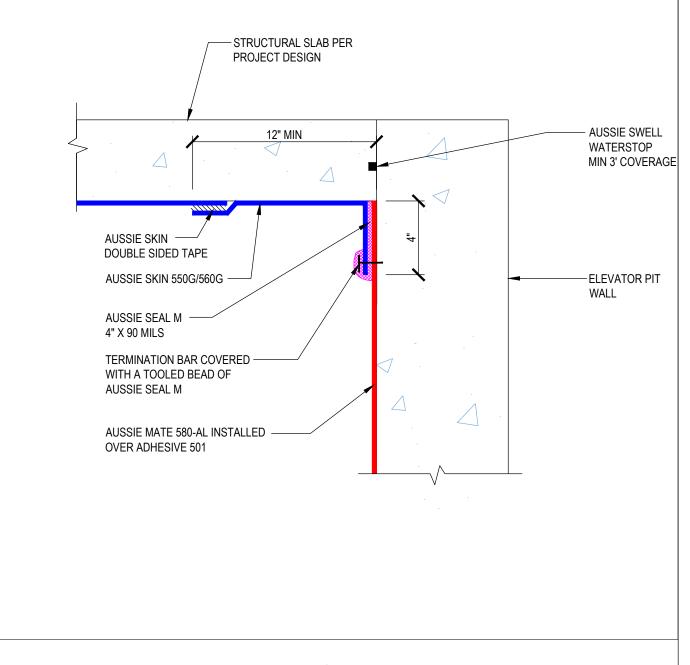
888.414.1041 818.888.0050 www.avmindustries.com

FILE NAME: 0550G\_560G-7022

DETAIL #: 0550G\_560G-7024 Aussie Skin 550G/560G

# Aussie Skin Transition to Aussie Mate 580-AL Option 2 Aussie Skin 550G/560G





Notes:

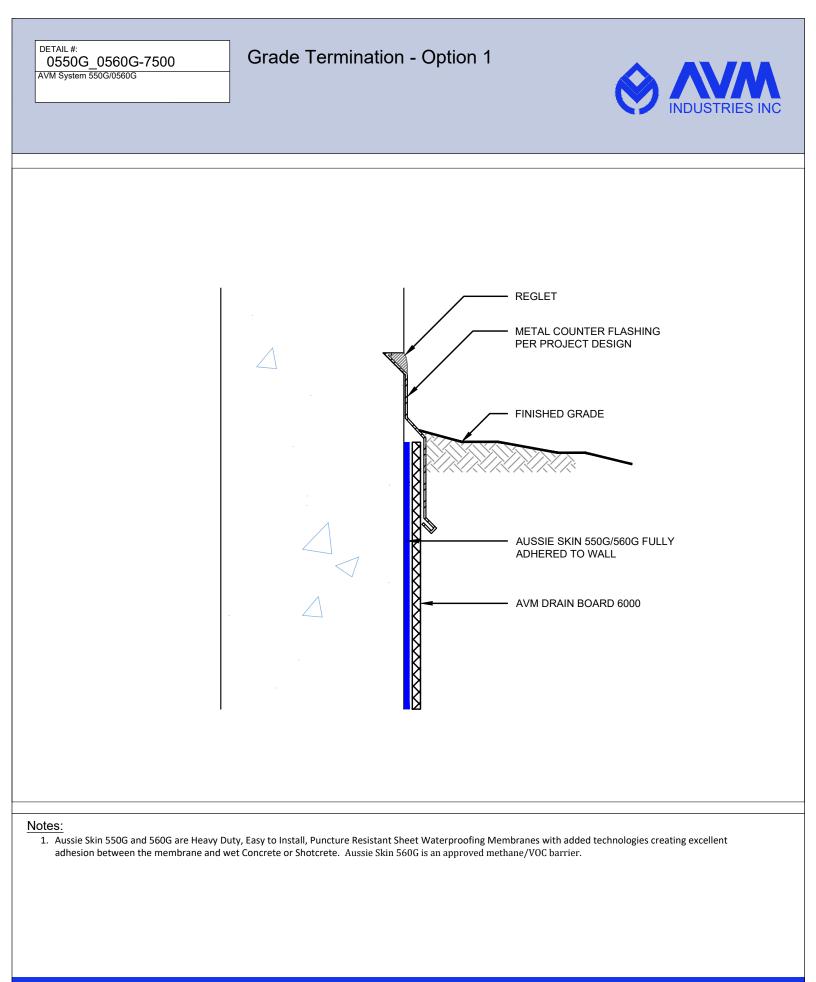
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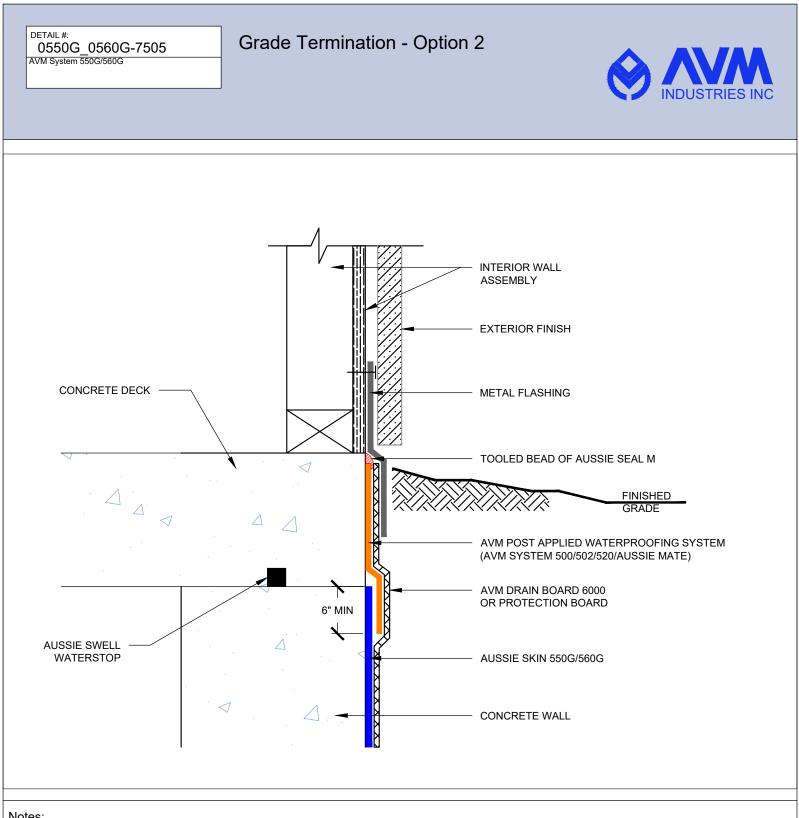
FILE NAME: 0550G\_560G-7024



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FILE NAME: 0550G\_0560G-7500



### Notes:

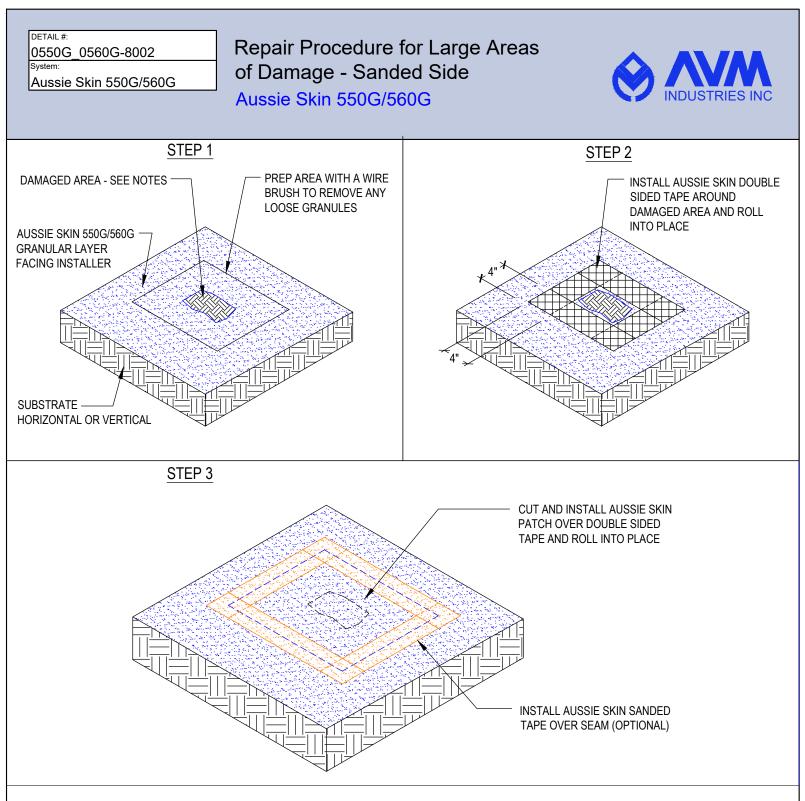
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FILE NAME: 0550G 0560G-7505



## Notes:

- Aussie Skin 550G and 560G are Heavy Duty, Easy to Install, Puncture Resistant Sheet Waterproofing Membranes with added technologies creating excellent adhesion between the membrane and wet Concrete or Shotcrete. Aussie Skin 560G is an approved methane/VOC barrier.
   This repair procedure is intended for large areas of damage (cutout areas, misplaced penetrations, etc.). Please refer to AVM Detail
- 0550G/0560G-8004 for repair procedures for small cuts and punctures.

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## FILE NAME: 0550G\_0560G-8002

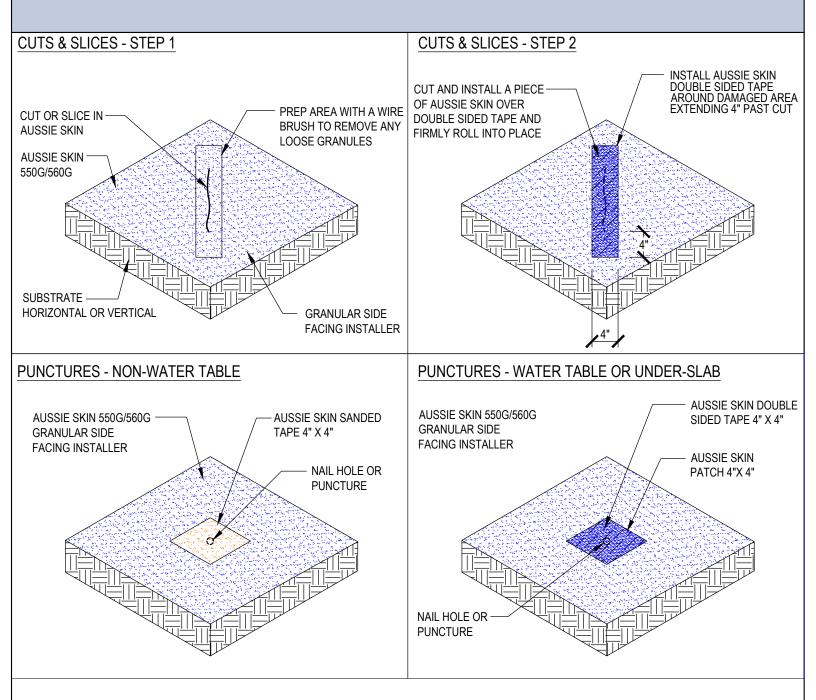
DETAIL #: 0550G/0560G - 8004

Aussie Skin 550G/560G

Svstem:

Repair Procedure for Cuts, Slices, and Small Punctures Aussie Skin 550G/560G





Notes:

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FILE NAME: 0550G/0560G - 8004