L.A. RR#: 26044

TECH DATA SHEET

Sections - 071000 / 071300 / 071353 / 071354

Aussie Skin® 560 Detail Strip

Heavy Duty HDPE Below Grade Waterproofing and Methane Barrier Sheet Membrane

Methane Approved
Shot-Crete Approved

Retaining Walls Spec

Section 071000 / 071300 / 071353 / 071354
Sheet Applied Waterproofing

Product Name

Aussie Skin® 560 Detail Strip

By

AVM Industries, Inc.
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Product Description

AVM Aussie Skin 560 Detail Strip is a narrow roll (13.1" wide) of the Aussie Skin 560 (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 560 Detail Strip may be applied on both horizontal and vertical surfaces and is primarily used in detailing the Aussie Skin 560 waterproofing system in corners, edges, penetrations, etc. For more information, refer to the Aussie Skin 560 waterproofing system documentation.

Application Method:

Pre-Applied, loosely laid.

Warranty

AVM Industries provides several system warranty options. 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 560 Detail Strip materials to the job site must be in their original sealed packaging, 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. Store 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.

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.

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

Project Conditions

1. 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. Do NOT install the Aussie Skin Detail Strip if raining or precipitation is imminent. Do not proceed with installing any Aussie Skin components or bonding any seams, laps, etc, if the Aussie Skin surfaces are damp or wet. All surfaces must be completely dry to ensure proper bonding!
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

a. Visually inspect all surfaces to ensure a full and proper application, especially at seams, corners, drainage footings, penetrations and other hard-to-reach 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 to U.V. 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.

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.

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

Item/Component	Packaging	Approximate Shipping Weights	Qty per Pallet	VOC
Aussie Skin 560 Membrane 2M (100 Mils)	6.56'x65.6' Roll (430 sq.ft.)	211 lbs (96 KG) / Roll	18 Rolls/Pallet	N/A
Aussie Skin 560 Detail Strip	13.1"x65.6' Roll	30.8 Lbs (14 kg) / 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	307 Lbf	Min 40 Lbf	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 (71M) of hydrostatic head pressure	Pass	ASTM D5385
Adhesion to Concrete and Masonry	30.4 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)	0%	Max 10%	ASTM E154
Water Vapor Transmission	0.018 Perms	Max 0.1 Perms	ASTM E96
Water Vapor Transmission after Decay	0.018 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 L021 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	No water leakage detected up to 100 PSI
Waterproof Integrity of End (non-factory) Lap, overlap installed over 2" plywood joint	ASTM D 5385	Pass	
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	No water leakage detected up to 100 PSI
Waterproof Integrity of End (non-factory) Lap, overlap installed over EPS Foam Board located over 2" lagging joint	ASTM D 5385	Pass	
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	No water leakage detected up to 100 PSI
Waterproof Integrity of End (non-factory) Lap, overlap installed over Drain Board located over 2" lagging joint	ASTM D 5385	Pass	
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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Quality Waterproofing Products

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