



Aussie Skin® Detail Strip 550G

Heavy Duty Below Grade Waterproofing Membrane Detail Strip

Section 071000 / 071300 / 071353 / 071354
Sheet Applied Waterproofing

Product Name

Aussie Skin® Detail Strip 550G

By

AVM Industries, Inc.
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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

- 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.
- Handle and store containers in accordance with printed instructions. Shelf Life: One year from date of manufacture.
- 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.
- Keep all materials out of the reach of children.



- 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.
- 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.
- Do NOT install the Aussie Skin if raining or precipitation is imminent. All surfaces must be completely dry to ensure proper bonding of seams and tapes. (Note, once the Aussie Skin system is completely and properly installed, concrete can be poured on it when its surfaces are damp or wet as long, as there is no ponding water)
- 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.
- Protect adjacent surfaces which could be damaged during the application procedure.
- 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-to-reach areas.
- All unsatisfactory areas shall be repaired prior to final acceptance.

Protection of Installed Work

- The membrane shall be protected until concrete is properly poured over it.
- Do not leave the membrane exposed for more than 60 days.
- 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

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 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)	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
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 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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