



Aussie Skin® Detail Strip 560G

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® 560G Detail Strip

By

AVM Industries, Inc.
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Product Description

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

Application Method:

Pre-Applied, loosely laid.

Warranty

The AVM Aussie Skin Detail Strip 560G is part of the AVM Aussie Skin 560G 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 560G 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.
- 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.
- 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.
- 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 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 to U.V. for more than 60 days.
- Always protect the waterproofing from possible damage. If membrane becomes damaged, contact waterproofing installer or AVM before proceeding with pouring concrete.
- 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 560G Membrane 2M (100 Mils) | 6.56'x65.6' Roll (430 sq.ft.) | 211 lbs (96 kg) / Roll | 18 Rolls/Pallet | N/A |
| Aussie Skin Detail Strip 560G | 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 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 (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 |
| 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 | 6.62E-13 | Report Results | ASTM 96/96M-16 |
| TCE Diffusion Coefficient | 1.51E-12 | Report Results | ASTM 96/96M-16 |
| Benzene Diffusion Coefficient | 1.45E-12 | 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 | |
| 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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Quality Waterproofing Products



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