



TECH DATA SHEET

Sections - 071000 / 071300 / 071313 / 071326 / 071352

AVM Aussie Mate 580-AL

UV Stable Heavy Duty 60 Mil Below Grade Bituminous Waterproofing Sheet Membrane, with Aluminum Backing

Product Name

AVM AUSSIE MATE 580-AL

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 Mate 580-AL** is a 60-mil heavy duty bituminous waterproofing sheet membrane with an aluminum protection layer. **AVM Aussie Mate 580-AL** exhibits excellent adhesion, elongation and recovery properties. Unlike other sheet membranes, **AVM Aussie Mate 580-AL** can be exposed to U.V. up to 180 days!

Where to Use

Retaining Walls: Waterproof below-grade, concrete, block walls, basements, etc.

Planters: Waterproof planters and other landscaping features.

In-between slab waterproofing: To provide a sandwich membrane in-between two concrete slabs or over wood decks that will receive a topping slab. It may also be used as an under-tile membrane when a mud-bed or thick-set type assembly is required.

Important Note: Prior approval and review of details by AVM is required on all jobs where this membrane will be installed directly over plywood.

Warranty

AVM Industries will warranty the installed membrane for a period of five (5) years. Ten (10) year warranties are also available. For complete warranty details, contact AVM Industries or consult with your applicator.



Delivery, Storage, and Handling

- Delivery of all the **AVM System 580-AL** 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.
- 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.
- Failure to comply with the recommended storage conditions may result in premature deterioration of the product. For specific storage advice, please contact AVM Industries and/or its representatives.
- 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 Mate 580-AL** is applied must be sound and stable, with an even finish and free from dust, loose debris, grease, curing agents, etc. If necessary, apply a parge coat using AVM Crete 6200.
- The **Aussie Mate 580-AL** may be applied to damp but not waterlogged surfaces (Green Concrete) with Adhesive 501 after 3 days and with primer 500 after 7 days.
- Do not apply materials at temperatures below 50°F and falling or if precipitation is imminent. Do not apply materials in direct sunlight at temperatures above 100°F or rising.
- Warn personnel against hazards of materials to skin and eyes. Note other 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 System 580-AL** Installation Instructions Prior to Installation. Application instructions vary based on type of application and the type of surfaces it's being applied to. For specific application procedures, refer to, or download the appropriate installation instructions. (For Retaining Walls, refer to the "Retaining Walls Installation Instructions". For Planters, refer to the "Planters Installation Instructions", etc.)

Basic installation procedures are also provided in this "Technical Data Sheet" for each type of installation. For a complete/comprehensive set of instructions, however, please refer to the "Installation Instructions" documents.

Quality Control

- Visually inspect all surfaces to ensure full and proper adhesion, especially at corners, seams, drains, footings and other hard-to-reach areas.
- All unsatisfactory areas shall be repaired prior to final acceptance.

Protection of Installed Work

Always protect the waterproofing from possible damage. Use AVM Drainage Boards or AVM Approved Protective Panels.

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

Test method: LARR L021

Descriptions	Standard	Requirement	Test Results	Pass/Fail
Water Vapor Permeance	ASTM E 96 water method	≤ 1	0.01 Perms	Pass
Resistance to Decay		Report Results	0.01 Perms	Pass
Samples Tested:	ASTM 154 / ASTM E 96 water method	≤ 10	% Change/Perms: 0%	Pass
Field Area, Factory Lap, Non-Factory Lap		≤ 10	% Weight Loss: 0%	Pass
Tension and Elongation (MD) % Elongation	ASTM D 2523	≥ 25	68 %	Pass
Tension and Elongation (CMD) % Elongation	ASTM D 2523	≥ 25	65 %	Pass
Adhesion to Concrete/Masonry (lbf/in.)	ASTM D 903	≥ 5	Pass	Pass
Puncture Resistance (lbf)	ASTM E 154	≥ 80	125 lbf	Pass
Hydrostatic Pressure Resistance (ft of water)	ASTM 751	Report Results	171 ft of water	Pass
Low Temperature Flexibility (MD)	ASTM D 5147	Pass or Fail	Pass	Pass
Low Temperature Flexibility (CMD)	ASTM D 5147	Pass or Fail	Pass	Pass

Item/Component	Packaging	Approx Shipping Weights	Qty per Pallet	VOC
AUSSIE MATE 580-AL 60-mil	3.28'x65.6' Roll (215 sq.ft.)	85.0 Pounds (38.7 Kg) / Roll	25 Rolls/Pallet	N/A

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