



AVM Aussie Mate® 580-PL (60 Mil)

Below Grade Bituminous Polyolefin Carrier Sheet
Waterproofing Membrane

Product Name

AVM Aussie Mate 580-PL

Manufactured by

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

Product Description

The **Aussie Mate 580-PL** is a heavy duty, 60 mil below-grade bituminous sheet waterproofing membrane. AVM **Aussie Mate 580-PL** exhibits excellent adhesion, elongation and recovery properties.

Approvals

Aussie Mate 580-PL (60 Mils) is approved by LARR (LARR #26138) for use as a waterproofing membrane. This approval is based on tests and analysis in accordance with LADBS Acceptance Criteria L021 Below-Grade Exterior Damp-Proofing and Waterproofing Materials.

Where to Use

Below-Grade: Foundation Walls (Concrete & CMU), Retaining Walls, Basements

Decks & Planters: Plaza Decks, Split-Slab Decks, Planter Boxes

Note: Installation requirements vary based on installation type and project requirements. Refer to Aussie Mate details and Installation Instructions for complete installation requirements.

Warranty

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

Delivery, Storage, and Handling

- Delivery of all the **AVM System 580-PL** 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

- Concrete/block walls: All surfaces to which the **Aussie Mate 580-PL** is applied to 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-PL may be applied to damp but not waterlogged surfaces (Green Concrete.).
- Do not apply materials at temperatures below 40°F and falling or if precipitation is imminent without prior approval from AVM.
- 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.

Limitations

Aussie Mate 580-PL is not recommended in areas where the waterproofing will be permanently exposed to UV light. Exposure to UV light should not exceed a maximum of 30 days.

System Application

Review the AVM **Aussie Mate 580-PL** installation instructions and details prior to installation. Use AVM's Approved Primers and follow AVM's Installation Instructions and Details.

Quality Control

- Visually inspect all surfaces to ensure full and proper adhesion where applicable, 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

Item/Component	Packaging	Approx Shipping Weights	Qty per Pallet	VOC
Aussie Mate 580-PL (60 mils)	3.28'x65.6' Roll (215 sq.ft.)	85.0 Pounds (38.7 Kg) / Roll	20 Rolls/Pallet	N/A

Test Method: LARR L021

Description	Standard	Requirement	Test Results	Pass / Fail
Water Vapor Permeance	ASTM E 96 water method	≤ 1	0.01 Perms	Pass
Resistance to Decay	ASTM 154 / ASTM E 96 water method	Report Results	0.01 Perms	Pass
Samples Tested:		≤ 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 (Tested Bitumen w/Aluminum)	≥ 25	300 %	Pass
Tension and Elongation (CMD) % Elongation	ASTM D 2523 (Tested Bitumen w/Aluminum)	≥ 25	300 %	Pass
Adhesion to Con-crete/Masonry (lbf/in.)	ASTM D 903	≥ 5	Pass	Pass
Puncture Resistance (lbf)	ASTM E 154	≥ 80	125 lbf	Pass
Hydrostatic Pressure re-sistance max (PSI)	ASTM D 5385	Report Results	100	Pass
Hydrostatic Pressure re-sistance max (ft of water)	ASTM D 5385	Report Results	231 ft of water	Pass
Hydrostatic Pressure Re-sistance (ft of water)	ASTM 751	Report Results	171 ft of water	Pass
Low Temperature Flexibility (MD) -20F°	ASTM D 5147	Pass or Fail	Pass	Pass
Low Temperature Flexibility (CMD) -20°	ASTM D 5147	Pass or Fail	Pass	Pass
Tensile Strength	ASTM D 412	Report Results	540 PSI	Pass
Bonded Seam Strength	ASTM D 882	Report Results	46 lbf	Pass
Microorganism Resistance (Soil Burial)	ASTM D4068 Anex A/D412	Pass or Fail	Pass	Pass
Oil Resistance Test	ASTM D543 / D412	Pass or Fail	Pass	Pass
Heat Aging	ASTM D 412	Pass or Fail	Pass	Pass
Water Absorption (24h)	ASTM D 570-98	Report Results	.1% by wt.	Pass
Low Temperature Flexibility	ASTM D 1970/D 1970M-20	Pass at -20 deg F	Pass	Pass
Low Temperature Crack Bridging	ASTM C 1305/C 1305M-16	Pass or Fail	Pass	Pass

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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