



# AVM Aussie Tite 540

## Dual PVC and Reactive Polymer Fleece Waterproofing

Section 075400 -  
Thermoplastic Sheet Waterproofing

### Product Name

**AVM Aussie Tite 540**

**Aussie Tite is a heavy-duty Dual System Waterproofing Membrane**

### By

AVM Industries, Inc.  
8245 Remmet Ave, Canoga Park, CA 91304  
888.414.1041 818.888.0050  
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### Product Description

The **AVM Aussie Tite** is a heavy-duty Dual System Waterproofing membrane that is comprised of a high strength 60 mil thermoplastic PVC (Polyvinyl Chloride) with DuPont Elvaloy® KEE that is externally reinforced and integrally bonded to a Reactive Polymer Fleece (RPF) layer that activates when it encounters water.

**AVM Aussie Tite** Dual Layer performance begins with a 60 mil PVC Membrane that is heat welded providing a continuous layer of robust and long-standing waterproofing protection. The secondary RPF layer is a bentonite-free, dust-free superabsorbent polymer infused geotextile that activates and swells when it comes into contact water, providing self-sealing and self-healing capabilities in the event the PVC membrane has been damaged or breached. The RPF layer when in confinement will not only provide and active waterproofing barrier but will also prevent the passage of lateral water migration.

### Where to Use

**Plaza Decks, Split-Slab Decks, Earth Covered Structures, Green Roofs, Tunnels and Basements**

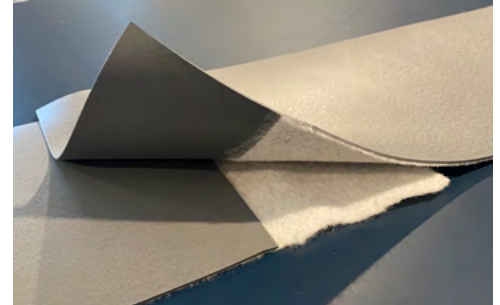
**AVM Aussie Tite** is designed for horizontal deck applications for both new construction and restoration applications. Aussie Tite can also be used in tunnel and earth covered structure installations, green roofs, basements and under slabs. In restoration applications (deck or walls), this loosely laid product is unique in the way that it can be installed over top many existing waterproofing materials.

### Application Method

Loosely laid, heat welded seams.

### 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 Aussie Tite system components 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 in a dry cool space 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 Tite is applied must 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 membrane.
- Aussie Tite may be applied at temperatures as low as -20°F and as high as 110°F.
- Do NOT install the Aussie Tite if raining or precipitation is imminent.
- 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 Aussie Tite Training Manual/ Installation Instructions Prior to Installation. Application instructions vary based on application surfaces, job conditions and other factors.

### 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 backfilled or concrete is properly poured over it.
- Refer to Aussie Tite Training Manual/ Installation Instructions for complete protection requirements.

### 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.

## Product Specifications

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

Physical property	Test Method	Results
Color		Gray
Nominal PVC Thickness		.060" (60 Mils)
Total Membrane Thickness		.090" (90 mils)
Hydrostatic Resistance	ASTM D751	280.50 psi
Tensile Strength (MD/TD) 1" Strip	ASTM D751	88/79 Lb.
Elongation (MD/TD)	ASTM D751	266%/116%
Seam Shear Strength	ASTM D751	77.39 Lb.
Low Temperature Bend (-30°F, 1/8" and 1" mandrel)	ASTM D2136	PASS
Water Vapor Retarder	ASTM E1745	Class A
Dimensional Stability (MD) 158°F (70°C), 6 hrs.	ASTM D1204	1.7 %
Physical property	Test Method	Results

Item/Component	Packaging	Approx. Shipping Weights	Qty / Pallet	Weight / Pallet	Pallets / Truck	VOC
Aussie Tite 540	3.28' x 66' Roll (216 sq.ft.)	89 lb.	20	1830 lb.	24	0
Aussie Fleece 540	3.28' x 31' Roll (100 sq.ft.)	5.2 lb.	30	256 lb.	24	0
Aussie Flash R 540	5' x 100' Roll (500 sq.ft.)	200 lb.	10	2050 lb.	24	0
Aussie Flash NR 540	12" x 50' Roll (50 sq.ft.)	20 lb.	80	1650 lb.	24	0
Aussie Flash DM 540	2' x 50' Roll (100 sq.ft.)	40 lb.	40	1650 lb.	24	0
Adhesive 501	5 gal Pail	46.4 lb.	36	1720 lb.	24	>100 g/l
Inside Corners 540	Box of 20	1.0 lb.				0
Outside Corners 540	Box of 20	1.0 lb.				0
Aussie Boot 3"-5" 540	Box of 6					0
Aussie Boot 6"-8" 540	Box of 6					0
T-Joint Covers 540	Box of 100	5.5 lb.				0
Aussie Seal M (10.1 oz)	Box of 12	1 lb.	1260	1281 lb.	18	>15 g/l
Aussie Seal M (20 oz.)	Box of 12	20 oz.	540	1098 lb.	18	>15 g/l

# of pallets per truck varies if shipped to or in USA or to or in Canada and/or if shipped in a shipping container or standard truck. Qty/Truck listed above shows maximum pallets per 40 GP shipping container shipped in or to the USA. Call AVM for details.

For a complete list of details in CAD or PDF, please visit our website at [www.avmindustries.com](http://www.avmindustries.com).

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**Quality Waterproofing Products**



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