



AVM Adhesive 501

Low VOC, Solvent-Based Contact Adhesive for Aussie Mate® Below Grade Bituminous Waterproofing Sheet Membranes

Product Name

AVM Adhesive 501

Manufactured by

AVM Industries, Inc.
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Product Description

The AVM Adhesive 501 is a low-VOC, quick-drying, solvent-based, high-tack contact adhesive. AVM Adhesive 501 has a wide temperature application window, down to 25°F.

Where to Use

Use this adhesive with Aussie Mate® 580-AL, 582-AL and 585-CW sheet membranes. AVM Adhesive 501 is suitable for both vertical and horizontal applications at normal and low temperatures. (down to 25°F, -4°C) Its formulated to enhance the bond between AVM's Aussie Mate® bituminous waterproofing membranes and various substrates including Concrete and Masonry Units (CMU), Wood, Metal and Gypsum sheathings with glass mat facers.

Limitations

Do not use over ponding or standing water, snow or ice. Use in well-ventilated areas and avoid breathing vapors. The solvent in the Adhesive Attacks Polystyrene insulation! Do not apply Adhesive 501 when rain is imminent. Do not allow Adhesive 501 to puddle, as this will lengthen drying times. Cold weather will extend drying times.

Warranty

AVM's standard 1-year material warranty applies. This product is sold as part of a waterproofing system. Please refer to those system's warranties for additional warranty information.

System Specifications

Item/Component	Packaging	Approx Shipping Weights	Qty per Pallet	Coverages	VOC
ADHESIVE 501	5-Gal Buckets	41.0 lbs./Bucket	36 Buckets/Pallet	300-400 sqft/Gal *	<100 g/l

Actual coverages may vary based on substrate conditions and other factors.

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

Delivery, Storage, and Handling

- Delivery of the AVM Adhesive 501 to the job site must be in its original sealed packaging, with manufacturer's name and label intact.
- Handle and store containers in accordance with printed instructions. Flammable. Store in a well-ventilated area.
- Shelf Life: One year in un-opened containers when protected from UV light and stored in dry conditions at temperatures between 40°F and 90°F.
- Failure to comply with the recommended storage conditions may result in premature deterioration of the product.
- 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 ADHESIVE 501 is applied to must be sound, stable, dry, with an even finish and free from dust, loose debris, grease, curing agents, etc. Concrete surface profile (CSP) should be 6 or smoother. If necessary, apply a parge coat using AVM Crete 6200. Do not apply to frozen substrates.
- Structural concrete must be cured for at least 72 hours. Lightweight structural concrete must be cured for at least 14 days. Install membrane over smooth concrete blocks (CMU). If the blocks are rough or the mortar joints are tooled, parge the surfaces with AVM Crete 6200 to make them smooth. Allow parge coat to dry before the substrate is primed and the membrane is installed.

System Application

Read the AVM Adhesive 501 Installation Instructions Prior to Installation. Application instructions vary based on type of application and the type of surfaces it's being applied to.

- Ready to use – do not dilute
- Solvent Based – use with adequate ventilation
- Light mixing is recommended before use.

- Apply materials in dry weather, when ambient temperatures are between 25°F and 100°F. Do not leave exposed to U.V. Cover with membrane as soon as possible.
- Apply Adhesive 501 at the rate of 300-400 sqft per gallon with a short-nap or 3/8" (10mm) nap roller or with a brush. Do not pour the Adhesive 501 directly onto the substrates.
- Application of the Adhesive 501 should be limited to an area that will be covered by a waterproofing membrane the same day. If the application area is not covered by a waterproofing membrane the same day, Adhesive 501 must be reapplied before installation of the waterproofing membrane.
- Allow Adhesive 501 to completely dry before applying the membrane. To test if the primer is set press your forefinger on to the primed surface. When you lift your finger, there should be no strings of polymer that pull up with your finger. High humidity, cooler temperatures and porous substrates will need additional drying times.
- 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.

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