



AVM Primer 580-SB-LV (Low Voc) Rapid Cure, General Purpose Primer for Aussie Mate Below Grade Bituminous Waterproofing Sheet Membranes

Product Name

AVM Primer 580-SB

Manufactured by

AVM Industries, Inc.
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Product Description

AVM Primer 580-SB-LV is a rapid cure primer composed of synthetic polymers, adhesive enhancing resins and solvents. It is designed to enhance the adhesion of self-adhesive membranes on various substrates including porous surfaces.

Where to Use

AVM Primer 580-SB-LV is used with the Aussie Mate 580-AL and Aussie Mate 580-PL sheet membranes. **AVM Primer 580-SB-LV** is suitable for both vertical and horizontal applications. It is formulated to enhance the bond between the Aussie Mate 580 membranes and various substrates, including concrete, CMU, brick, Dens Deck, gypsum and metal.

Limitations

Do not use Aussie **Primer 580-SB-LV** over ponding or standing water, snow or ice. Use in well-ventilated areas and avoid breathing in vapors. Do not apply Aussie 580-SB-LV when rain is imminent. Do not allow Aussie Mate 580-SB-LV to puddle, as it will extend the cure time. Avoid using the Aussie 580-SB-LV on wood substrates.

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.

Delivery, Storage, and Handling

- Delivery of the **AVM Primer 580-SB-LV** 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, away from direct sunlight and open flame.
- Shelf Life: 60 months 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 **AVM Primer 580-SB-LV** 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 Primer 580-SB-LV** 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.
- Mixing is necessary before use.

1. Apply materials in dry weather, when ambient temperatures are between 40°F and 100°F. Do not leave exposed to U.V. Cover with membrane as soon as possible.
2. Apply **AVM Primer 580-SB-LV** at the rate noted on the below chart based on substrate type by either brush or roller. Do not pour the AVM 580-SB-LV directly onto substrates.
3. Application of the **AVM Primer 580-SB-LV** 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, **AVM Primer 580-SB-LV** must be reapplied before installation of the waterproofing membrane.
4. Allow **AVM Primer 580-SB-LV** 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. Standard drying time is 30-90 minutes, depending on temperature and quantity applied.

5. 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.
6. Protect adjacent surfaces which could be damaged during the application procedure.

Quality Control

- a. Visually inspect all surfaces to ensure full and proper adhesion, especially at corners, seams, drains, footings and other hard-to-reach areas.
- b. 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	Pallet Weight	VOC
AVM Primer 580-SB-LV	1 gal / 5 gal buckets	-44 Pounds (-20.0 kg)	36	-1,640 Pounds (-745.5 kg)	240 g/L

Properties	Test Result
Color	Copper
Specific Gravity at 25°C (77°F)	0.94 kg/L
Solids by Weight	49%
Viscosity @ 77°F	300-600 cp
Drying Time	30-90 minutes, depending on temperature and quantity applied

Coverage Rates

Substrate Type	Coverage
Porous	82 - 165 sq.ft / gal
Non-porous	132 - 331 sq.ft / gal

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