



TECH DATA SHEET

Sections - 071000 / 071300/071313/071326/071352

Aussie Bond 580 Low VOC

Water-Based, Low VOC, Rapid Cure, Drain Board Adhesive and General Purpose Primer for Aussie Mate Below Grade Bituminous Sheet Waterproofing Membranes.

Product Name

Aussie Bond 580 (Primer 580 WB-LV)

Manufactured by

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

Product Description

AVM Aussie Bond 580 (Part Number: Primer 580-WB-LV) is a high-solids water-based primer/adhesive. It is designed to be used as a Drain Board Adhesive to bond Drainage Boards to many different types of waterproofing systems. It is also designed as a primer for bituminous sheet membranes on various substrates including porous surfaces.

Where to Use

AS A PRIMER: AVM Aussie Bond 580 is used as a primer for the Aussie Mate 580-AL and Aussie Mate 580-PL sheet membranes. Aussie Bond 580 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.

AS AN ADHESIVE: AVM Aussie Bond 580 is used as an adhesive to bond drainage boards/drainage mats to various liquid applied and sheet-based waterproofing membranes.

Limitations

Do not use Aussie Bond 580 over ponding or standing water, snow or ice. Use in well-ventilated areas and avoid breathing in vapors. Do not apply Aussie Bond 580 when rain is imminent. Do not allow Aussie Bond 580 to puddle, as it will extend the cure time.

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 Aussie Bond 580 material 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: 12 months in un-opened containers when properly stored.
- Storage Conditions: Store dry at temperatures between 40°F and 90°F. Do NOT allow material to freeze.
- 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 Bond 580 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 Aussie Bond 580 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.
- Mixing recommended before use.

- 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.

- Apply Aussie Bond 580 at the rate noted on the below chart based on substrate type by either brush or roller. Do not pour the Aussie Bond 580 directly onto substrates.
- Application of the Aussie Bond 580 should be limited to an area that will be covered by a waterproofing membrane or drainage board/mat the same day. If the application area is not covered by a waterproofing membrane or drainage board or mat the same day, Aussie Bond 580 may need to be reapplied before installation of the waterproofing membrane or drainage board/mat.
- Allow Aussie Bond 580 to completely dry before applying the membrane or drainage board/mat. The Aussie Bond 580 is pink when wet and red when cured. High humidity, cooler temperatures and porous substrates will need additional drying times. Standard drying time is 30-60 minutes, depending on temperature and quantity applied.
- 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

Shipping/Packaging

Item	Packaging	Approx Shipping Weights	Qty / Pallet	Weight / Pallet
Aussie Bond 580	5 gal buckets	~46 Pounds (~21 kg)	36	~1470 Lbs (~668 kg)

System Specifications

Property	Test Result
Color	Pink (when wet), Red (when cured)
Solids:	High Solids
Drying Time	30-90 minutes, depending on temperature and quantity applied
VOC Content	1.5 g/L

Coverage Rates

Substrate Type	Coverage
Porous	75 - 125 sq.ft / gal
Non-porous	100+ sq.ft / gal
When used as a Primer:	Apply a Medium Coat
When used as an Adhesive:	Apply a Heavy Coat
Percent of Total Solids by Volume	40% +

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

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

Approval(s): <https://www.avmindustries.com/approvals/>

Learn more about the detailed standards our products meet for approvals by various US or International Agencies or Code Councils

Patent(s): <https://www.avmindustries.com/patents/>

Some features of our product or assembly may be protected under one or more US or

International Patent(s)

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Quality Waterproofing Products

