

PRODUCT DATA SHEET



650 WB LIQUID ADHESIVE

Waterproofing Adhesive

MANUFACTURER

Polyguard Products, Inc.
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www.polyguard.com

PRODUCT DESCRIPTION

Basic Uses

650 WB Liquid Adhesive is an integral part of Polyguard Systems which is used on dry surfaces to condition them to be dust free, so the substrate is suitable for the application of Polyguard Waterproofing Membranes.

PRODUCT FEATURES

- Used to prime approved substrates prior to application of Polyguard self-adhered membranes.
- Designed to be used in ambient temperatures and surface temperatures of 40° F (5° C) and rising.
- Used on all concrete block and brick wall conditions.
- Used on both vertical and horizontal surfaces.

COMPOSITION & MATERIALS

650 WB Liquid Adhesive is a water-based, rubber-based, low-tack adhesive which is specifically formulated to provide excellent adhesion. It has a VOC content of 5 g/L. 650 WB Liquid Adhesive will be orange color in appearance.

TECHNICAL DATA

Polyguard Products, Inc. provides design data and installation instructions to architects, engineers, specifiers, and contractors.

ACCEPTABLE SUBSTRATES:

- Cast-in-place concrete, precast concrete, CMU, and masonry that are clean, dry, and sound.
- Exterior gypsum sheathing that is clean, dry, and sound.
- Plywood and OSB sheathing that is clean, dry, and sound.
- Existing Polyguard rubberized asphalt membranes and accessories cleaned and re-primed as required.
- Rigid Insulation Board (polyisocyanurate, XPS, EPS/ICF) when clean, dry, and sound. Field adhesion test required on the actual facer.
- Not for use directly over mineral wool insulation boards.

INSTALLATION - APPLICATION

650 WB Liquid Adhesive may be applied with roller or brush:

- Over rigid insulation facers (polyiso, XPS, EPS/ICF), apply 650 WB in a thin, even coat. Allow to dry to a tacky film with no transfer to a gloved finger before installing the membrane. Coverage will vary with facer texture/porosity; verify on site.
- Field adhesion test: Prime a small area, allow to dry tacky, apply a 6 in (150 mm) strip of membrane, firmly roll, and evaluate after ~24 hours.
- If adhesion to the rigid insulation face is marginal, provide a mechanical termination (e.g., termination bar) at the top edge.

Apply 650 WB Liquid Adhesive to a clean, dry, dust free, and frost-free surface at a coverage rate of approximately 350 to 400 square feet per gallon on concrete. Exterior gypsum sheathing board products will vary in texture, performance and porosity. The coverage rate for Polyguard Adhesive/Sealants will vary due to substrate texture and porosity. Specific testing for coverage is recommended. The liquid adhesive should be spread sufficiently to avoid areas of excess material. Areas of excess material will lengthen the curing time on the application of the 650 WB Liquid Adhesive.

LIMITATIONS

Limit the application of liquid adhesive to what can be covered with Polyguard Membranes in one working day. Any areas not covered with membrane, must be recoated. Be sure to cover all open containers when not applying liquid adhesive.

- Adhesion may be limited by the insulation facer/foam surface strength. Cohesive failure within the facer/foam indicates a substrate issue and is not covered by the adhesive/membrane warranty.
- Do not apply over wet, dusty, or friable insulation surfaces. Re-prime areas contaminated with dust or debris or if primer has been left exposed overnight.
- Do not apply over incompatible substrates such as exposed silicone, fresh asphaltic cutbacks, or single-ply roof membranes (TPO/PVC/EPDM).

SAFETY

SDS documents for all Polyguard products can be obtained at our website www.polyguard.com. Call Polyguard Products, Inc. at (214) 515-5000 with questions.

WARRANTY

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product are beyond our control; such as weather, workmanship, equipment utilized and prior condition of the substrate. We will replace at no charge product proved to be defective within twelve (12) months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided.

TECHNICAL SERVICES

Technical assistance, information and Polyguard's products are available through a nationwide network of distributors and architectural representatives, or contact Polyguard Products, Inc.

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PACKAGING	PART NUMBER	UNIT SIZE
650 WB LIQUID ADHESIVE	PG.650.WB.5	5-gallon pail

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