

EverGuard® TPO WB181 Bonding Adhesive Sell Sheet

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EverGuard[®] TPO

SINGLE-PLY ROOFING SYSTEMS

TPO WB181 Bonding Adhesive

Description

EverGuard[®] WB181 Bonding Adhesive is an acrylic emulsion copolymer-based adhesive useful for bonding both TPO smooth and fleece-back roofing membranes to various substrates.

- Two-surface contact adhesive applied to both underside of membrane and substrate surface
- Suitable for roofing and flashing membranes, including fleece-back membranes
- Compatible with isocyanurate and fiberboard, insulations, and fiber-glass-faced gypsum panels
- Compatible with concrete, masonry, metal, and wood flashing substrates

Application

Mating surfaces should be dry, clean, and free from oil, grease, and other contaminants.

Stir the adhesive thoroughly before use, either manually or by means of powered mixing equipment.

Apply adhesive evenly, avoiding puddles. Do not apply adhesive in lap areas, as this will prevent proper heat welding. Using a standard solvent-resistant roller, apply the adhesive at the following coverage rates:

SR-Type Smooth-Reinforced Membrane—

Approximately one gallon per 135–145 sq. ft. (12.54–13.47 sq. m.) of surface area—approximately 700 sq. ft. (65 sq. m.) of bonded area per pail. Apply to both the underside of the membrane and the substrate surface. *Install membrane once adhesive has dried and turned clear.*



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FB-Type Fleece-Back Membrane—

Approximately one gallon per 115–125 sq. ft. (10.68–11.61 sq. m.) of surface area—approximately 600 sq. ft. (55.74 sq. m.) of bonded area per pail. Apply only to the substrate surface. *Install membrane immediately onto wet adhesive:* Do not allow adhesive to dry. Roll membrane onto the substrate surface and broom the membrane to insure close contact between the membrane and the substrate surface.

Physical Properties

- Weight per gallon (lbs):** 8.6 – 9.0
- Viscosity (Brookfield cps):** 14,000 – 18,000
- Solids Content %:** 60.0 – 65.0
- VOC:** <20 g/l
- Storage:** Keep from freezing store above 40°F (4°C)
- Installation Temperature:** Minimum application temperature is 40°F (4°C) and rising.

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