
NURAPLY TPO BONDING ADHESIVE WB181 TECHNICAL DATA SHEET

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 3.79 L / 10.68 – 11.61 m² of surface area — 55.74 m² 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.

FB-Type Fleece-Back Membrane

Approximately one gallon per 3.79 L / 10.68 – 11.61 m² of surface area — approximately 55.74 m² 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 ensure close contact between the membrane and the substrate surface. See published application and specifications manual for detailed instructions.

Description

Nuraply WB181 Bonding Adhesive is a water-based acrylic emulsion copolymer-based adhesive useful for bonding both Nuraply TPO smooth and fleece-back and Nuraply PVC fleece-back roofing membranes to various substrates.

- Suitable for roofing and flashing membranes, including fleece-back membranes
- Compatible with concrete, masonry, metal, and wood flashing substrates

Physical Properties

Weight Per Litre: 3.9 – 4.1 kg / litre

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 (4.4°C)

Installation Temperature: Minimum application temperature is 4.4°C and rising

Safety

Please observe the actual valid material safety data sheet and follow the described safety measures for handling of the product.

Transport Classification

N/A

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