

Technical Data Sheet

PRODUCT DESCRIPTION

DAT-WB-210 is a premium strength water-based acrylic adhesive recommended for bonding PVC membranes to OSB, plywood and most other roofing or decking substrates. It can be used on both horizontal and vertical surfaces.

APPLICATION

The substrates should be clean, dry, free of dust, oil, grease and other contaminants. Contents should be thoroughly stirred before application.

Starting from the center of the application area - pour DAT-WB-210 on to the base substrate in a line in front of the rolled back PVC membrane and roll out the adhesive with a short nap roller or notched trowel. The membrane should be rolled directly into the wet adhesive and recommended to work in 1-2m segments.

Any residue can be cleaned with warm water.

PRODUCT CHARACTERISTICS

Appearance	Viscous liquid product
Colour	Off white (dries clear)
Base	Acrylic
Solid Content	60-65%
Viscosity	70,000 – 100,000 cps
Coverage	2.5-3m ² /l
Working Time	Apply wet

STORAGE AND SHELF LIFE

Store in well-sealed containers. Keep satisfactorily for at least 12 months. High temperature storage should be avoided and recommend to store within the temperature 4 to 30 c.



KEY BENEFITS

- ✓ High Strength Bond
- ✓ Single Sided Application
- ✓ Low VOC

PRIMARY SUBSTRATES

- ✓ PVC single ply membrane
- ✓ TPO and PVC fleece-backed membranes
- ✓ Plywood
- ✓ Insulation and Cover boards
- ✓ Metal
- ✓ Concrete

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PREPARATION

1. The substrates should be clean, dry, free of dust, oil, grease and other contaminants.
2. Any imperfections to the base substrate should be adequately smoothed out with filler and/or sealant and allowed to dry before laying adhesive.
3. Do not apply to wet or damp surfaces.

APPLICATION DATA

Coverage	2.4-3m ² /l, 100-120sq.ft/gal Refers to area of finished roof. Coverage rates will vary depending on substrate porosity.
Application temp	10°C - 50°C
Working Time	Apply when wet. If an area has dried. WB-EPDM can be applied directly over the dried layer.
Drying Time	24-72 hours to full cure
Cleaning	Clean excess wet adhesive from material and tools with warm water.

METHOD GUIDE

1. Before and during use, thoroughly stir the adhesive by hand. Do not use electric drills, and do not thin the adhesive, as this can affect its performance. The adhesive should be uniform consistency.
2. Roll out the membrane to the desired position and give it enough time to relax in place.
3. Roll back the substrate to expose the underside of the membrane. Apply a uniform and consistent coat of adhesive to the substrate in 1-2m segments using a medium nap roller or notched trowel.
4. Do not apply bonding adhesive to the membrane directly and ensure no adhesive is applied over areas which will be used to create seams.
5. Roll the membrane back out into the fresh wet adhesive and press out with a steel roller or broom.
6. Allow 24-72 hours to full cure. Drying time will depend on humidity and temperature.

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