

WBA 100

WATER BASED LATEX ADHESIVE



THE PRODUCT ADVANTAGE

Dec-Tec WBA 100 is a high strength adhesive that offers excellent field workability and is compatible with all Dec-Tec membranes. Dec-Tec WBA 100 is a wet lay adhesive designed specifically for the installation of Dec-Tec PVC membrane roof / deck systems. Dec-Tec WBA 100 adhesive is applied using a 1/16" x 3/32" V-notched trowel to porous substrates. Membrane is placed into fresh wet adhesive resulting in faster installation times and higher production.

USES

Commercial and residential installations of Dec-Tec PVC roof / deck systems.

RECOMMENDED SUBSTRATES

Exterior-grade plywood. Acceptable plywood specification: Min. 5/8" thick Tongue & Groove CDX, or min. 3/4" thick Tongue & Groove APA, Exterior 1 Rated. 1/2" DensDeck Prime® installed on top of code compliant substrate. To be compliant with wildfire regulations, areas located in wildland urban interface zones must use an approved fire rated substrate such as DensDeck. Concrete and properly prepared cement terrazzo. Exterior rated, cement based patches, trowelable underlayments and self-leveling compounds.

FEATURES:

- Water based latex adhesive offers outstanding grab characteristics with good workability
- For use with all Dec-Tec membranes over recommended substrates
- Low VOC = low odor
- Trowel on application

PACKAGING:

- 2.63 US gallons / 10 litres
- Free V-notch trowel included with each pail

TECHNICAL NOTES:

- VOCs: 68 g / l
- Application temperature: minimum 50°F / 10°C
- Weight: 30 lbs / 13.2 kg per pail
- Coverage: 300-390 sq. ft. per pail
- Shelf life: 1 year when stored in original, unopened packaging at 73°F / 23°C
- Adhesive subjected to freezing must be discarded
- % Solids content: 72
- Density: 1.2 g/cc (10Lb/gal)
- Adhesive type: Acrylic
- Consistency: Smooth and creamy paste
- Color: Off-white

NOTE: If choosing minimum 5/8" thick Tongue & Groove CDX grade plywood, you must ensure all surface deficiencies are addressed via sanding and/or using Dec-Patch II.

SURFACE PREPARATION

Ensure all substrate deficiencies have been addressed accordingly. Be sure there is no debris on the substrate surface. Have your Dec-Tec membrane pre-fit and rolled back. Ensure all details are properly flashed in. All substrates must be structurally sound, dry, solid and stable. Substrates should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues and any other substance that may prevent or reduce adhesion. Concrete must be fully cured and free of any hydrostatic and/or moisture problems.

NOTE: Wear all appropriate PPE (Personal Protective Equipment) during use. Refer to Material SDS (Safety Data Sheet) for more information. Stir/mix adhesive thoroughly before applying.

INSTALLATION

Using a 1/16" x 3/32" V-notched Trowel, spread adhesive directly onto the properly prepared substrate at a rate of up to 0.8 US gal. per 100 square feet depending on substrate type/porosity. Do NOT apply adhesive to the membrane. Spreading should be even and consistent with no puddles or other irregularities. Do NOT allow any foreign matter, dirt or debris into the adhesive – remove and reapply if necessary. Pre-fit membrane must be unrolled directly into fresh, wet adhesive. If any adhesive has flashed off or skinned over, application must be stopped and the adhesive must be replaced. Do NOT allow any adhesive in seam overlap areas or onto top surface of membrane. Check membrane for proper transfer of adhesive onto back and, using a heavy roller or similar, firmly press the membrane into the adhesive ensuring full contact and elimination of all trapped air. Clean Up: Clean adhesive with water while fresh or with mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

LIMITATIONS

Do not install over any substrates containing asbestos. Do not use when the substrate temperature is below 50°F (10°C) or above 90°F (32°C). Do not apply adhesive over damp/wet substrates. Do not apply adhesive to the seams or any other area that requires heat welding. Do not force dry Dec-Tec WBA or damp/wet substrates. Do not glue seams together, all seams must be heat welded. Do not use adhesive above or below the manufacturers recommended temperature specifications, or beyond its shelf life. Be sure to roll out all air bubbles with the appropriate roller. Do not allow Dec-Tec membrane to come into contact with any incompatible materials, such as: bituminous based roofing and waterproofing products, oils, solvents, etc. Do not install Dec-Tec on any on-grade concrete slab applications. Do not install Dec-Tec on substrates without minimum slope of 2%.

- Storage conditions: 50°F to 90°F / 10°C to 32°C
- Protect containers from freezing in transit and storage
- Flash point (tag): >201°F / 94°C
- Working Time at 73°F / 23°C and 50% RH
Dec-Tec PVC roof/deck systems: 10-15 minutes