

Product Information Sheet



PSR 4500 adhesive

PIN # 1106

Item Description

5 gal pail

Package weight 50 lbs (22.7 kg)

product Number

AD-200391

Product Information

Description:

PSR 4500 adhesive is a LVOC acrylic latex-based pressure sensitive adhesive with excellent bonding performance. The product is white in color when wet and is clear when dry. The solids content is approximately 62%, and the overall texture is that of latex paint.

Installation Temperature:

Do not apply adhesive if the ambient temperature is below 40°F / 5°C or if the night time temperatures are expected to fall below 32°F / 0°C within 48hrs after application. Product must be stored at temperatures above 45°F/10°C

Method of Application:

Single Side Adhesive Application:

To be used in a horizontal application. Product can be used as single-side adhesive when applying over porous surfaces such as OSB, Plywood, Dens-Deck, "Regular or Primed", Fire Rated Coated OSB or Plywood, high-density fiberboard, Blazeguard, Type X Moisture resistant drywall. Single-side application: the adhesive is applied to the substrate, and the membrane or sheet is immediately rolled in place into the white and wet adhesive. Applied as a single-side adhesive, can be used with EPDM, TPO and PVC single ply roofing membranes may be adjusted while the adhesive is still wet to remove any wrinkles. Working time before set-up takes place in approximately 20 minutes depending on the ambient temperature. As this product is water based and contains no solvents, actual drying time is solely dependent on air temperature and temperature of the membrane humidity and porosity of the substrate.

Two Sided Adhesive Application:

Product can be used as a contact adhesive over non-porous or porous surfaces. This application requires the adhesive to be put on both surfaces to be adhered: then the adhesive is left to dry and become clear before mating the surfaces. Product can be used on metal, concrete and other non-porous horizontal surfaces. Product can be used on approved ISO foam insulation with an acceptable facer.

INSTALLATION OVER A NON-POROUS SURFACE

Position the EPDM, TPO and / or the PVC roofing membrane and fold the membrane in half, exposing the substrate (deck) surface to be adhered to. Starting at the fold, apply adhesive not only to the substrate (deck) but also to the backside of the exposed membrane. First apply adhesive on the membrane, then on the substrate. When both surfaces are dry, the surface will be clear with no white

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or wet adhesive showing. Gently roll the membrane back into place, taking precaution not to capture air between the substrate and the sheet. Once the sheet is in place, use a push broom to assure mating of the surfaces. Should a wrinkle appear that couldn't be worked out with your hand or broom, slowly peel back the membrane, re-position the membrane and put it back in place. This should only be attempted immediately after setting the membrane and may require both surfaces to have adhesive reapplied. Using a push broom with pressure, sweep the troubled area assuring mating of the surfaces. Repeat the procedure for the second half of the sheet.

INSTALLATION OVER A POROUS SURFACE

Once the EPDM, TPO and / or the PVC roofing membrane has been positioned and given sufficient time to relax, fold the membrane in half or roll the membrane up on a cylinder exposing half of the substrate (deck) surface to be adhered. Starting at the fold or cylinder, apply adhesive to substrate (deck) only. As you proceed with the adhesive, bring the membrane into the wet, white adhesive as soon as possible. We recommend laying no more than six feet of adhesive before bringing the membrane into the white and wet adhesive. This ensures the wetting of the backside of the EPDM, TPO or the PVC membrane surface. Once half of the sheet is in place, use a standard push broom to sweep the surface, keep a steady pressure with the broom against the surface of the sheet, thus mating surfaces and eliminating captured air between the membrane and substrate (deck). If any wrinkles are present, re-position the membrane by using a push broom or by hand to remove the wrinkle. Repeat the procedure for the second half of the sheet.

Storage:

- PSR 4500 should be stored in temperatures over 40 °F (4.5° C).
- Do not allow to freeze

Shelf Life:

- If properly stored stand unopened the PSR 4500 should be checked after 2 years of storage prior to use

Coverage Rates:

PSR 4500 adhesive can be applied by a paint roller or sprayed.
Coverage is typical at 125-150 ft² / gal

Clean Up:

- PSR 4500 WBBA adhesive can be removed from hands when wet with water and a light detergent. When dry, use a solvent followed by soap and water.
- With spray equipment, use water followed by solvent cleaners, followed by water with detergent.
- Paint roller covers can be left in material until next usage or cleaned with water when wet. Material spillage can be removed easily with water when wet.
- If adhesive has dried, peel off as much surface adhesive as possible and clean area with solvent until removed.

Precautions:

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- Refer to MSDS sheet

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