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RUBBER SEAL EPDM WATER BASE BONDING ADHESIVE

PRODUCT DESCRIPTION:

DEWITT'S RUBBER SEAL EPDM WATER BASE BONDING ADHESIVE is an 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.

- Wind tested, fire tested and rated by UL for commercial and residential uses
- Holding strength increases with age
- Once set, will not break down when immersed in water for prolonged periods of time
- Non-flammable, non-toxic, water soluble, APEO Free
- Application temperature performance above 40°F
- Installs easily and smoothly, increases production
- Eliminates the waiting time for product to take a set
- Can be re-sealed in container without set taking place

USES:

Single-Side Adhesive: To be used in a horizontal application. DEWITT'S RUBBER SEAL EPDM WATER BASE BONDING ADHESIVE can be used as single-side adhesive when applying over porous surfaces such as OSB, plywood, Des-Deck, "Regular or Primed", Fire Rated Coated OSB or plywood, high-density fiberboard, Blazeguard, Type X Moisture resistant drywall.

Contact Adhesive: DEWITT'S RUBBER SEAL EPDM WATER BASE BONDING ADHESIVE can be used as a contact adhesive over non-porous or porous surfaces. Can be used on metal, concrete and other non-porous horizontal surfaces. Can be used on approved ISO foam insulation with an acceptable facer.

APPLICATION:

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, the EPDM membrane 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.

Contact Adhesive Application: The adhesive is required to be put on both surfaces to be adhered; then the adhesive is left to dry and become clear before mating the surfaces.

DEWITT'S RUBBER SEAL EPDM WATER BASE BONDING ADHESIVE can be sprayed, rolled or brushed on almost any acceptable substrate.

INSTALLATION:

Over a Porous Surface: Once the EPDM has been positioned and given sufficient time to relax, fold the membrane in half or roll the membrane up in 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 6 feet of adhesive before bringing the membrane into the white and wet adhesive. This ensures the wetting of the backside of the EPDM 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.

Note: Traffic over membrane should be held to a minimum. You will note footprints in the sheet as the set takes place if you walk across the sheet. These prints should be broomed out and will be less visible once the adhesive cures.

Over a Non-Porous Surface: Position the EPDM membrane and fold the membrane in half, exposing the substrate (deck) 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 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.

Do not apply adhesive if ambient temperature is below 40°F or if night temperatures are expected to fall below 32°F within 48 hours after application.

PACKAGING:

1 gallon, 3.5 gallon, 5 gallon

COVERAGE:

Estimated coverage rates at 70°F

- Porous surfaces: 100-140 sq. ft./gal (1 side application) dependent on porosity
- Non-Porous surfaces: 50-75 sq. ft./gal (2 side application)

CLEAN-UP:

DEWITT'S RUBBER SEAL EPDM WATER BASE BONDING 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.

HANDLING:

For maximum storage life, store product in unopened original containers at a minimum of 45°F to 80°F. DO NOT ALLOW THE PRODUCT TO FREEZE. Do not double stack pallets if possible.