



DP

3050

WATER BASED LAGGING ADHESIVE

A water based, premium quality, quick drying, low odor vapor retarder, lagging adhesive and protective coating for indoor use.

Recommended Uses:

- May be used for bonding and coating jackets of canvas, glass cloth and other lagging fabrics over insulated surfaces, including rectangular and round ductwork insulation.
- May be used as a lap adhesive for canvas, glass cloth and pipe insulation jackets.
- May be used as a protective coating over expanded polystyrene foam insulation to prevent dusting and protect from solvents.
- May be used to seal cut ends of fiberglass duct liner.

Features and Benefits:

- **LEED V4** Qualified
- Vapor Retarder
- Bright White
- Excellent Workability
- High Strength and Durability
- Crack and Peel Resistant
- Water Resistant
- Excellent Dry Adhesion
- Sag Resistant
- Meets FDA, USDA, and EPA Standards
- Meets Mil-A-3316C, Class 1, Grade A
- Meets USCG 164.012
- Meets Requirements of NFPA 90A & 90B, UL 723, and ASTM E-84

Directions For Use:

Surface Preparation: Surfaces should be clean, dry and free of dirt, oil and any foreign matter.

Application: DP 3050 may be applied by brush, trowel, airless sprayer, or hand (rubber gloves are recommended). For lagging jackets, apply a tack coat at a spread rate of 80-100 sq. ft. per gallon. Immediately embed the selected lagging fabric into the wet tack coat. Smooth out to avoid wrinkles and overlap seams by at least 2 inches. Apply a finish coat 80-100 sq. ft. per gallon and allow to dry. Protect from moisture until dry.

Where dipping application of canvas is desired, lower viscosity DP 3060 Lagging Adhesive may be appropriate. Where thicker material is desired, high viscosity DP 3050 HV is available.

Do not apply when rain or freezing temperatures will occur within 36 hours. Do not thin.

Technical Data:

- Color:** White
- Base:** Water
- Chemical Family:** Synthetic Latex
- Solids Content:** 56 ± 2%
- Viscosity:** Approx. 50,000 - 70,000 cps
- Application Temperature:** 40°F - 110°F
- Storage Temperature:** 40°F - 110°F
- Service Temperature:** -25°F - 200°F
- Freeze/Thaw Stability:** Through 5 cycles with no deterioration (DPTM-20)
- Average Permeability:** 0.24 perms (ASTM E-96-00 Method B)
- Flammability:** Non-flammable wet or dry
- Flash Point:** No flash to boiling
- Shelf Life:** 1 Year (unopened containers)
- Cure Time:** 8 to 72 hours depending on humidity, temperature and application rate
- Coverage:** Dependent on application thickness and material. 50-100 sq. ft. per gallon per coat
- Clean Up:** Use warm water and soap
- Packaging:** 1 gallon pail, 2 gallon pail, 5 gallon pail
- VOC:** 0 g/l

<p>UNDERWRITERS LABORATORIES INC. CLASSIFIED ADHESIVES 5209</p> <p>DP 3050 Lagging Adhesive applied to Inorganic Reinforced Board Flame Spread: 0 Smoke Developed: 0 Test applied at a coverage rate of 14.7 sq. m/L Flash point of liquid adhesive (closed cup), no flash to boiling.</p>	
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--



3301 W. Segerstrom Ave.
 Santa Ana, CA 92704
 Toll Free 800.641.0808
 Phone 714.432.0600
 Fax 714.432.0660
www.designpoly.com

TECHNICAL support bulletin