TECHNICAL bulletin

DP 3050

WATER BASED LAGGING ADHESIVE

A water based, premium quality, quick drying, low odor, low VOC 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.

Not compatible with and should not be used on CPVC sprinkler piping.

Features and Benefits:

- **LEED V4** Qualified
- **Bright White**
- UL Classified
- Low VOC
- Meets Requirements of NFPA 90A & 90B, UL 723, and ASTM E-84
- Meets CDPH Emission Requirements
- Meets FDA, USDA, and EPA Standards
- U.S. Coast Guard Approval 164.012
- Excellent Workability
- High Strength and Durability
- Crack and Peel Resistant
- Water Resistant
- Excellent Dry Adhesion
- Sag Resistant

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)
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: 3 g/l (SCAQMD Rule #1168)

UNDERWRITERS LABORATORIES INC. CLASSIFIED ADHESIVES
SURFACE BURNING CHARACTERISTICS
5Z09
DP 3050 Lagging Adhesive applied to Inorganic Reinforced Board
Flame Spread 0 Smoke Developed 0
Test as applied in two 2" wide strips 8" on center (coverage 18% of the exposed test sample area) at a coverage of 250 sq. ft. per gal.
Flash point of liquid adhesive (closed cup), no flash to boiling.

CLASSIFIED UL

DESIGN POLYMERICS

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