



DP

3050 HV

HIGH VISCOSITY WATER BASED LAGGING ADHESIVE

A water based, high viscosity, fibered, 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.

Features and Benefits:

- **LEED V4** Qualified
- **Bright White**
- Low VOC
- Meets FDA, USDA, and EPA Standards
- Meets Requirements of NFPA 90A & 90B, UL 723, and ASTM E84
- High Viscosity
- Fiber Reinforced
- 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 HV may be applied by brush, trowel 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, low viscosity DP 3060 Lagging Adhesive may be appropriate. Where thinner material is desired, lower viscosity DP 3050 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: 58 ± 2%

Viscosity: Approx. 65,000 - 80,000 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

ASTM E-84 SURFACE BURNING CHARACTERISTICS	
DP 3050 HV Lagging Adhesive applied to inorganic reinforced cement board	
Flame Spread: 5	Smoke Developed: 0
Test applied at a spread rate of 50 sq. ft. per gal.	
Flash point of finished coating, closed cup. No flash to boiling.	



A Meridian Brand

5655 E. North Belt Road, Las Vegas, NV 89115
Toll Free 800.641.0808 | Phone 714.432.0600
Fax 714.432.0660 | www.designpoly.com