

DP

# 3045

## WATER BASED VAPOR BARRIER

**A water based, premium quality, low odor, water resistant vapor barrier coating for commercial and residential use.**

### Recommended Uses:

- May be used to coat most types of thermal insulation, including polystyrene foam, fiberglass, and mineral fiber.
- Formulated to retard water vapor permeation in high humidity environments.
- May be used for both indoor and outdoor applications.

### Features and Benefits:

- **LEED** Qualified
- Low Odor
- Zero VOC
- Excellent Workability
- Crack and Peel Resistant
- Excellent Dry Adhesion
- Non-Flammable
- Indoor and Outdoor Use
- Excellent Water and U.V. Resistance
- Meets Requirements of NFPA 90A & 90B
- Meets Requirements of Military Specification MIL-C-19565C Type II
- Meets FDA, USDA, and of NFPA 90A & 90B

### Directions For Use:

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

**Application:** DP 3045 may be applied by brush, trowel, glove, or spray. To prevent moisture infiltration, proper flashing is required. Apply a tack coat of DP 3045 at a rate of 2 gallons per 100 sq. ft. or 20 mils thick. Embed proper membrane while wet, overlapping seams 2 inches and avoiding wrinkles. Apply a second coat at the same rate and allow a complete cure before testing. Protect from moisture until fully cured.

**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:** 66 ± 2%

**Viscosity:** Approx. 75,000 - 90,000 cps

**Application Temperature:** 40°F - 110°F

**Storage Temperature:** 40°F - 110°F

**Service Temperature:** -25°F - 200°F

**Freeze/Thaw Stability:** Do not allow to freeze

**Average Permeability:** 0.018 perms (ASTM E-96-00 Method D) at 50 mils dry (1.26 mm).

**Flammability:** Non-flammable wet or dry

**Flash Point:** No flash to boiling

**Shelf Life:** 1 Year (unopened containers)

**Cure Time:** 4 to 36 hours depending on humidity, temperature, and application rate

**Coverage:** Dependent on application thickness, 25-50 sq. ft. per gallon at 20-40 wet mils

**Clean Up:** Use warm water and soap

**Packaging:** 1 gallon pail, 2 gallon pail, 5 gallon pail, 54 gallon drum

**VOC:** 0 g/l

ASTM E-84 SURFACE BURNING CHARACTERISTICS  
DP 3045 Vapor Barrier applied to inorganic reinforced cement board  
Flame Spread: 20      Smoke Developed: 20  
Test applied at a spread rate of 50 sq. ft. per gal.  
Flash point of finished coating, closed cup. No flash to boiling.



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