

Design Polymerics

DP 2540 - Black and DP 2545 - White

Protective Coating

For Commercial and Residential Use

A water based protective coating formulated with an EPA Registered preservative that prevents the growth of mold, mildew, and fungus on the surface of the coating. DP 2540 and DP 2545 form a durable, flexible film over metal, fiberglass insulation, drywall and wood used in HVAC and general construction applications.

Recommended Uses:

- May be used to coat bare metal supply, return, and transfer HVAC duct.
- May be used to coat faced or unfaced fiberglass duct liner and rigid fiberglass duct.
- May be used to repair fiberglass insulation and effectively control fiberglass erosion.

Features and Benefits:

- Leed Qualified
- Water Based
- Resists Mold and Mildew Growth on the Surface of the Coating itself (ASTM D-3273-00)
- Non-Flammable
- Smooth, Decorative Finish
- Encapsulates
- Flexible
- Durable

Directions For Use:

Surface Preparations: Surfaces should be clean, dry and free from dirt, oil and any foreign matter. Surface should then be washed and sanitized with high quality biocide and then thoroughly rinsed. Allow surfaces to completely dry. For painted surfaces, sand lightly to roughen substrate prior to cleaning.

Application: May be applied by brush, roller, or airless sprayer. Apply at a rate of 75 sq. ft. per gallon. Spray application should coat surface thoroughly and evenly with one application; apply second coat to porous or irregular surfaces. Brush or roller application requires two coats applied at 90 degrees. HVAC systems should be under negative pressure during application. Circulate fresh air through the system to dry coating. Exhaust air should be odorless and filters replaced before venting into occupied areas.

Do not apply when rain or freezing temperatures will

Technical Data:

Color: DP 2540 is Black, DP 2545 is White

Base: Water

Chemical Family: Synthetic Latex

Solid Content: 59 plus/minus 2%

Viscosity: Approximately 4,000 - 5,000 cps

Application Temperature: 40 - 110 degrees F

Storage Temperature: 40 - 110 degrees F

Service Temperature: -25 - 200 degrees F

Freeze/Thaw Stability: Do not allow to freeze

Flammability: Non-flammable wet

Flash Point: No flash to boiling

Shelf Life: 1 Year (unopened containers)

Cure Time: 4-16 hours depending on humidity, temperature and application

Clean Up: Use warm water and soap

Coverage on porous surfaces (insulation):

Approximately 75 sq. ft per gallon

Coverage on non-porous surfaces (metal):

Approximately 400 sq. ft per gallon

Packaging: 1gallon pail, 5 gallon pail

VOC: 2 g/l

ASTM E-84 Surface Burning Characteristics:

DP 2540/2545 applied to inorganic reinforced cement board; Flame Spread-15, Smoke Developed-10. Test applied at a spread rate of 200 sq. ft. per gallon.

Flash point of finished coating, closed cup. No flash to boiling.

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