



DC6150 Cable Coating

→ Specifications

Color: White

Odor: Mild Latex

Gloss Level: Matt

Specific Gravity: 1.55 ± 0.1

Solids by Weight: 70~76%

pH Value: 6 ~ 8

VOCs: 28 g/L

Packaging: 25Kg/pail

Shelf life: 18 months

Dry to Touch: 2 ~ 4 hours

Dry Through: 2 ~ 4 days (Depending on ambient conditions)

Application: Airless spray, brush, or roller. In-Service Temp: -13° F - 176° F (-25° C - 80° C)

Typical Thickness: 1000 microns WFT (39.5 mils) equivalent to 640 microns DFT (25 mils)



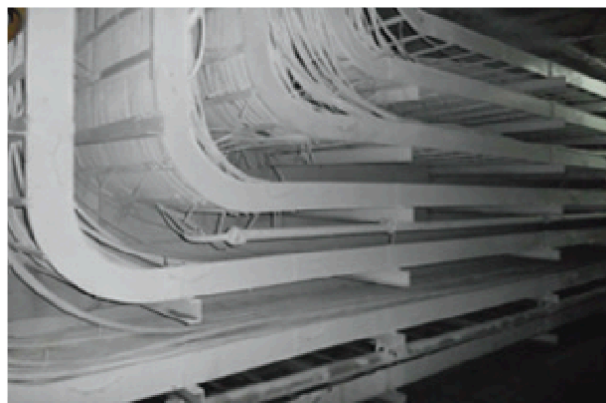
→ Description

DC 6150 Cable Coating is a non-halogenated, asbestos-free, non-toxic, flexible, ablative fire retardant cable coating designed to prevent the propagation of fire along plastic jacketed electrical cables. DC 6150 Cable Coating is FM Approved and tested to ensure it can withstand extreme conditions such as freeze/thaw cycles and salt water immersion.

This testing also ensures that the protective coating does not de-rate the cable's current-carrying capacity. DC 6150 Cable Coating is a water-based latex and is suitable for both interior and exterior use.

→ Testing

FM Approval Class: 3971 for Single or Grouped Electrical Cables IEEE383- Standard for Qualifying Electric Cables and Splices for Nuclear Facilities Passed at 1.5 mm IEC 60332- Test of vertical flame spread on single or grouped electrical cables Passed at 0.9 mm Class 3A IEEE1202 - Standard for Flame Testing of Cables for Use in Cable Tray in Industrial and Commercial Occupancies Passed 1.5 mm GB28374 – Standard flame spread test of electrical cables Passed at 1.0 mm including fire and weather testing.



→ Installation guide

1. Surfaces to be coated must be clean and dry. Use a dry rag to remove any oil, grease, and dirt prior to cable coating application.

2. Mix the DC 6150 cable coating thoroughly with a power agitator before application. Thinner is normally not required. If necessary, use potable water (3% max.) to adjust viscosity. Water is also used for tools and spray machine cleaning.

3. Coating can be applied utilizing airless spray equipment in a single pass, not more than 0.8mm~0.9mm (wet coating thickness) to prevent slumping. Surface shall be measured using a wet film thickness gauge. If applying coating by brush or roller, it may be required to apply thinner coats to prevent slumping. The coating should be applied when the site temperature is between 4° C (40° F) and 40° C (104° F). Temperature must be maintained until the coating has fully dried.



4. Recommended coating thickness on cables: 2.5 mm WFT results in 1.6 mm dry. Verify the DFT by using calipers to measure the cable before coating and once the coating has fully dried.

5. Do not allow the coating material to remain in hoses, guns, or spray equipment. Clean all equipment with water immediately after use.

6. All unused coating should be stored in a tightly closed container. Surface skinning may show in a partially filled container.

The estimated quantity of DC6 150 can be calculated as = Width of the cable X number of cables X Pi X Length of cable tray or the length of the cable X 2.5 mm (thickness of wet film. X 1.20 (20% wastage).

All coatings approved by FM3971 must be applied at 1.6 mm DFT.