



Colorflake M IMO

Modified Epoxy Resin

DESCRIPTION

Colorflake IMO is a high-solids, modified epoxy resin composition deck covering. This product provides a decorative, lightweight easily cleaned surface for crew quarters, mess decks, passageways, toilet spaces and galleys. Fluid-applied to form a jointless surface; Colorflake M IMO offers substantial protection against corrosion of metal decking and is available in a wide range of attractive pigmented basecoat colors. The pigmented basecoat incorporated with decorative vinyl chips; sealed in a clear epoxy matrix is a go to for fast and easy application.

Theoretical Coverage Rates

| 1/32 nd inches | 0.79mm | 31.30 mils |
|---------------------------|--------|------------|
| 47 Square Feet Per Kit | | |

| 1/16 th inches | 1.58mm | 62.50 mils |
|---------------------------|--------|------------|
| 23 Square Feet Per Kit | | |

Available Colors (Refer to the color chart for visual representation)

| | | |
|---------------------|-----------------|------------------|
| 706 Navy | 720 Medium Blue | 940 Cardinal Red |
| 304 Sandpiper Beige | 431 Bright Gray | 402 Dark Gray |

Kit and Packaging sizes (1 kit = Resin + Hardener)

| Item Number | Description | Components | Weight |
|-------------|--|------------|-------------------|
| 0441- IMO | Colorflake IMO Pigmented Base Coat Resin | Part. A | 9.1 LBS / 4.12 KG |
| 0442-IMO | Colorflake IMO Amber Base Coat Hardener | Part. B | 2.6 LBS / 1.17 KG |

Installation Guideline for the complete Colorflake IMO System

Step1: Pour contents of **TM Bond Coat** onto working surface and spread using a notched squeegee or epoxy roller. *Colorflake M IMO can also be applied directly over marine grade epoxy primer.*

Step2: Pour contents of **Colorflake IMO Base Coat** resin onto working surface and spread using a notched hand trowel or notched squeegee. If needed back roll with an epoxy loop roller to smooth out any imperfections. *If out-gassing occurs back roll with an epoxy spiked roller*

Step3: Apply **Decor-flor IMO Sealer** onto cured Colorflake IMO Basecoat and spread using a notched squeegee or nap roller. After spreading, back-roll with a nap roller. If desired, broadcast **Vinyl chips** into Décor-flor IMO Sealer and then back roll to encapsulate the chips.

Step4: If a **non-skid finish** is required. Blend non-skid aggregate into mixed Décor-flor IMO Sealer, pour contents into a painting tray and then apply from the painting tray with an epoxy nap roller.

Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt in accordance with SSPC SP11/NACE No 6. Grease and oil should be removed with approved solvents and clean rags in accordance with SSPC SP-1. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials are applied. Dex-O-Tex Colorflake M IMO may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441, MIL-PRF23636 or to Dex-O-Tex TM Bond Coat and Underlayment Systems. Consult your local Dex-O-Tex Marine Rep. when wood or other deck surfaces are involved.

Job Site Survey

Measure and record ambient temperature and humidity, surface temperature and the temperature of the material being used. Do not proceed with the application if the conditions are outside the recommended parameters. Inspect materials to be used. Verify material is the proper material and all components and sizes are correct. Inspect all containers and verify a proper factory seal with no signs of damage or leakage. Premix Liquid materials into a smooth homogenous blend before uses.

Environmental Conditions for Application

All materials are mixed, applied and cured at the job site. Minimum environmental conditions are required to facilitate proper curing and performance of the products. Ensure conditions are in accordance with the following requirements.

| | | |
|--------------------------|-----------|------------|
| Substrate Temp | Min. 45°F | Max. 95°F |
| Relative humidity | Min. <90% | Max. 90% |
| Ambient Air Temp | Min. 45°F | Max. 100°F |

| | | | |
|------------------------------|---------------|---------------|---------------|
| Dry to Re-Coat or Use | 14Hrs at 65°F | 10Hrs at 75°F | 08Hrs at 85°F |
| Max Re-Coat | 48Hrs at 65°F | 44Hrs at 75°F | 40Hrs at 85°F |
| Cure to Full Service | 52Hrs at 65°F | 48Hrs at 75°F | 44Hrs at 85°F |

Material Disclosure

Materials should be delivered in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components. Check materials immediately upon receipt, verify all the correct materials in the correct packaging are accounted for in good condition. Sort the materials and store them in a tempered storage area.

Applicator Notes

For proper workability it is important the Dex-O-Tex materials be stored and mixed at a temperature of 65°F-80°F. A warm substrate will decrease the pot life and make the materials sticky. A cooler substrate will lengthen the cure time and may cause a blush of the polymeric resins. Decking surfaces and room temperature of 65°F or slightly higher must be maintained for the duration of the Cure to Full Service time. When mixing the polymeric resin components, be sure to use all the provided resins. The resins are premeasured to the correct ratios. Scrape all the hardener from the container into the resin. Do not turn mixing vessels upside down to drain on the flooring surface. Unmixed resin from the side may produce soft or uncured spots on the flooring surface. Keep the unfinished flooring surface clean. Do not track dirt, grease, or any other contaminates onto the unfinished decking surface. Any contaminate could negatively affect the aesthetics of the finished flooring. Good ventilation must be provided during application, particularly in confined spaces. Always obtain, read and observe Manufacturers Safety Data Sheets (**MSDS**) before handling polymeric materials.

Warranty Information

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