



# Decor-flor M

Broadcast Quartz and Epoxy Resin  
USCG-164.106/65/0

Scientifically Superior I Performance Proven

## DESCRIPTION

Decor-Flor M is a thin-section seamless primary deck and floor covering comprised of attractively colored coated quartz granules embedded in a clear, catalyst-reacted epoxy resin binder. Cove base can also be incorporated to form a continuous joint-free surface. Decor-Flor M develops exceptionally good bond when applied directly to cleaned metal surfaces prepared with TM Bond Coat and has good resistance to water, cooking fats and greases, providing a durable decking for commissary spaces and interior sanitary and wet spaces. Due to its textured surface, this system is relative slip resistant without the addition of non-skid additives.

### Theoretical Coverage Rates

#### Recommended *minimum* application thickness for Base Coat

0.012 inch	0.30 mm	12 mils
120 Square Feet Per Kit		

#### Recommended *average* application thickness for Base Coat

0.015 inch	0.38 mm	15 mils
98 Square Feet Per Kit		

#### Recommended *maximum* application thickness (USCG Cert. 164.106/65/0)

0.078 inch	2 mm	78 mils
20 Square Feet Per Kit		

Quartz Grade	Coverage Area
40-S Broadcast Grade	0.5 – 1 SQFT Per lb.
25-A Trowel Grade	1 – 2 SQFT Per lb.

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

DFS-01	DFS-02	DFS-08
DFS-10	DFS-05	DFS-17

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

Item Number	Description	Components	Weight
0462	Decor-Flor M Base Coat Resin	Part. A	8.15 Lbs./ 3.69 KG
0463	Decor-Flor M Amber Base Coat Hardener	Part. B	1.87 Lbs. / 0.84 KG
0545	T M Fine Aggregate	50lb Bag	50lb / 22.67 KG

### Installation Guideline for the complete Décor-Flor M System

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

**Step2:** Pour contents of Decor-Flor M 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:** Using the TM-Fine Colored Quartz; Broadcast directly onto tacky Decor-Flor M Base Coat Resin until rejection; this ensures no spots are left uncovered by the quartz matrix.

**Step4:** Pour mixed contents of Decor-Floor IMO Sealer onto cured base coat and quartz, spread using a notched squeegee or epoxy 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. Décor-Flor M 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.

<b>Substrate Temp</b>	Min. 50°F	Max. 80°F
<b>Max Relative humidity</b>	Min. <90%	Max. 85%
<b>Ambient Air Temp</b>	Min. 50°F	Max.95°F

<b>Dry to Re-Coat or Use</b>	12Hrs at 65°F	10Hrs at 75°F	08Hrs at 85°F
<b>Max Re-Coat</b>	48Hrs at 65°F	44Hrs at 75°F	40Hrs at 85°F
<b>Cure to Full Service</b>	56Hrs 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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