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NAVSEA REVIEWED ASTM F-718

**Crossfields Product Corp – Dex-O-Tex Marine  
Terrazzo M (fine) Basecoat Resin & Aggregate  
(Matrix System) Unit 1/2**

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MIL-PRF-24613

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If this product is to be applied as part of a coating system, all components of the system must be as listed on the QPL.

This NAVSEA-REVIEWED ASTM F-718 data sheet is the only data sheet approved for use when utilizing this coating for U.S. Navy preservation projects. NAVSEA's review covers only the application process for the material. The review does not denote the material as a qualified product, nor does it constitute an approval for purchase/procurement of the material. For products on the Qualified Products List (QPL) for this MILSPEC, please refer to <http://assist.daps.dla.mil/quicksearch/>.

Questions regarding modifications or updates of this ASTM F-718 shall be directed toward:

NST Center  
(502) 638-4400  
[F718Admin@nstcenter.com](mailto:F718Admin@nstcenter.com)

ASTM F 718



SHIPBUILDERS AND MARINE PAINTS AND COATINGS PRODUCT/PROCEDURE DATA SHEET

CONTINUATION SHEET USED:  YES  NO

Date: 08/16/2009 Rev.09-02

I. GENERIC TYPE AND DESCRIPTION: Interior Deck Covering Epoxy Resin with Colored Quartz Aggregate  
 Specification Number, Type, Class and/or Grade (If Applicable): MIL-PRF-24613

II. MANUFACTURERS DATA:

- (a) MANUFACTURER: Crossfield Products Corp.  
 Dex-O-Tex Marine Product Line
- (b) PRODUCT DESIGNATION: TERRAZZO M (FINE) BASECOAT RESIN & AGGREGATE (Matrix System) Unit ½  
 528 – Terrazzo M (Fine) Basecoat Resin ½ Unit Component C  
 529 – Terrazzo M (Fine) Basecoat Resin ½ Unit Component D  
 545 – Terrazzo M (Fine) Aggregates
- (c) COLOR(S): Clear, Straw to Pale Yellow
- (d) USES: CLEAR BASECOAT
- (e) TECHNICAL SERVICE REPRESENTATIVE  
 (Include Telephone Nos.): Steven Schroeder 310-886-9100
- (f) NOT RECOMMENDED FOR: Sealing Polymeric Deck Covering

III. PROPERTIES:

- (a) % VOLUME SOLIDS (ASTM D 2697): 88.0%
- (b) % WEIGHT SOLIDS (ASTM D 1475): 90.0%
- (c) FLASH POINT (ASTM TEST METHOD D 93 OR D 56 OR D 3278): 45°C (114°F)
- (d) WEIGHT PER VOLUME: (FTMS 141a4184.1): 1.25 lbs/ft<sup>2</sup> @ 1/16" thickness
- (e) % EDGE RETENTION (IF REQUIRED BY APPLICABLE SPECIFICATION): N/A
- (f) SHELF LIFE: One year from date of manufacture
- (g) VISCOSITY (STATE TEST METHOD TO BE USED): ASTM D445: COMPONENT A: >1000 cps  
 COMPONENT B: >100 cps  
 MIXED: >250 cps.
- (h) PACKAGING: Terrazzo M (Fine) Basecoat Resin Component C - ½ gallon  
 Terrazzo M (Fine) Basecoat Resin Component D - 1 pint  
 Terrazzo M (Fine) Aggregates - 50 lb bag
- (i) NUMBER OF COMPONENTS: Three (3)
- (j) GLOSS (ASTM D 523): N/A
- (k) STORAGE REQUIREMENTS: TEMP. MIN. 60°F MAX. 80°F  
 ADDITIONAL PAINT STORAGE REQUIREMENTS: Dry area, not in direct sunlight.
- (l) VOLATILE ORGANIC COMPOUND (EPA TEST METHOD 24): 74 g/L for mixed components
- (m) WEIGHT OF DRY FILM (WEIGHT/FT<sup>2</sup> AT 1 MIL THICKNESS): 0.005 lbs
- (n) SPECIAL PROPERTIES (e.g., STAIN RESISTANCE, LOW SOLAR ABSORBANCE, MOISTURE TOLERANCE): None

IV. SURFACE PREPARATION MINIMUM REQUIREMENTS (USE SPECIFIC STANDARD NUMBERS):

- After overnight drying period the Terrazzo M Bondcoat may, due to the atmospheric conditions, still be slightly tacky. This tacky condition does not prohibit the application of the Terrazzo M (Fine) Basecoat.
- (a) INITIAL – Clean and solvent-wipe (acetone, xylene, or isopropanol).
  - (b) TOUCH-UP – Lightly sand and solvent-wipe with acetone, isopropanol, or xylene.
  - (c) PROFILE (INCLUDE METHOD USED) – N/A
  - (d) SPECIAL INSTRUCTIONS - None
  - (e) PRIMER REQUIREMENTS (IF APPLICABLE): Terrazzo M Bondcoat
  - (f) MAXIMUM ALLOWABLE CONDUCTIVITY (BRESLE PATCH METHOD): Refer to NAVSEA Standard Item 009-32
  - (g) MAXIMUM DEGREE OF FLASH RUSTING ALLOWABLE (LIST COMMERCIAL STANDARD): N/A

