

ASTM F 718

SHIPBUILDERS AND MARINE PAINTS AND COATINGS PRODUCT/PROCEDURE DATA SHEET

CONTINUATION SHEET USED:  YES  NO

Date: 7/15/2009 Rev.010-1

I. GENERIC TYPE AND DESCRIPTION: **TERRAZZO M BASECOAT KIT**

Specification Number, Type, Class and/or Grade (If Applicable): **MIL-D-3134, TYPE I, CLASS 2**  
**MIL-PRF-24613, TYPE I, CLASS 3**

II. MANUFACTURERS DATA:

(a) MANUFACTURER: **CROSSFIELD PRODUCTS CORP.**  
**DEX-O-TEX MARINE PRODUCT LINE**

(b) PRODUCT DESIGNATION: **0549**

(c) COLOR(S): **Grayish-green to bluish-gray**

(d) USES: **Trowel applied epoxy resin decking underlayment screed for use under ceramic tile, resin terrazzo, latex terrazzo, latex mastic and polymeric deck covering materials.**

(e) TECHNICAL SERVICE REPRESENTATIVE  
 (Include Telephone Nos.): **STEVEN SCHROEDER 310-886-9100**

(f) NOT RECOMMENDED FOR: **N/A**

III. PROPERTIES:

(a) % VOLUME SOLIDS (ASTM D 2697): **N/A**

(b) % WEIGHT SOLIDS (ASTM D 1475): **N/A**

(c) FLASH POINT (ASTM TEST METHOD D 93 OR D 56 OR D 3278): **N/A**

(d) WEIGHT PER VOLUME: (FTMS 141a4184.1): **2.0 lbs./ ft<sup>2</sup> at 1/4"**

(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): **N/A**

(h) PACKAGING: **6 Gallon Kit**

(i) NUMBER OF COMPONENTS: **Three (3)**

(j) GLOSS (ASTM D 523): (NOTE: This is to be a percentage, not "Gloss," "Semi-gloss," etc.) – **N/A**

(k) STORAGE REQUIREMENTS: TEMP. MIN. **65° F** MAX. **80° F**

ADDITIONAL PAINT STORAGE REQUIREMENTS: **Store in cool, dry environment, out of direct sunlight.**

(l) VOLATILE ORGANIC COMPOUND (EPA TEST METHOD 24): **N/A**

(m) WEIGHT OF DRY FILM (WEIGHT/FT<sup>2</sup> AT 1 MIL THICKNESS): **N/A**

(n) SPECIAL PROPERTIES (e.g., STAIN RESISTANCE, LOW SOLAR ABSORBANCE, MOISTURE TOLERANCE): **None**

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

**Refer to NAVSEA Standard Item 009-32**

(a) INITIAL – **N/A**

(b) TOUCH-UP - **N/A**

(c) PROFILE (INCLUDE METHOD USED) – **N/A**

(d) SPECIAL INSTRUCTIONS – **N/A**

(e) PRIMER REQUIREMENTS (IF APPLICABLE): **N/A**

(f) MAXIMUM ALLOWABLE CONDUCTIVITY (BRESLE PATCH METHOD): Refer to NAVSEA Standard Item 009-32 – **N/A**

(g) MAXIMUM DEGREE OF FLASH RUSTING ALLOWABLE (LIST COMMERCIAL STANDARD): **N/A**

SPECIAL SAFETY PRECAUTIONS:

**Use good ventilation, avoid breathing vapors and use a fan to circulate fresh air.**  
**Always obtain, read and observe Manufacturers Material Safety Data Sheet**

V. MIXING PROCEDURES:

- (a) MIXING RATIOS BY WEIGHT – N/A  
    BY VOLUME - **1 Gallon C-component : 1-quart D-component : 56-lb. bag Aggregate**
- (b) INDUCTION TIME – N/A
- (c) RECOMMENDED SOLVENT – THINNING – NO THINNING ALLOWED – N/A  
    CONFINED AREAS - NO THINNING ALLOWED – N/A  
    NON-CONFINED AREAS - NO THINNING ALLOWED – N/A  
    CLEAN UP – **Acetone, xylene, or isopropanol**
- (d) THINNING REQUIREMENTS (RATIO) – NO THINNING ALLOWED – N/A
- (e) POT LIFE - **N/A**
- (f) SPECIAL INSTRUCTIONS – **None**

VI. APPLICATION:

- (a) ENVIRONMENTAL LIMITATIONS -
- SUBSTRATE TEMPERATURE: MIN. **65° F**   MAX. **75° F**
- MINIMUM SUBSTRATE TEMPERATURE DIFFERENCE ABOVE THE DEW POINT – **5%**
- RELATIVE HUMIDITY: Refer to NAVSEA Standard Item 009-32 – N/A
- AMBIENT TEMPERATURE: MIN. **45° F**   MAX. **100° F**
- (b) FILM THICKNESS (SSPC-PA 2):
- PER COAT: **N/A**
- TOTAL SYSTEM:    DRY MIN. **125 mils**    DRY MAX. **250 mils**
- (c) DRY TIMES (ASTM D 1640) – **N/A**
- PROVIDE EITHER A GRAPH OR A CHART PER PARAGRAPH 3.9.1 SHOWING THE FOLLOWING CURE TIMES AT A MINIMUM: **N/A**
- 1)    DRY TO RECOAT – 14 Hrs @ 65°F  
          10 Hrs @ 75°F  
          8 Hrs @ 85°F
- 2)    DRY TO HANDLE (I.E., TIME UNTIL PERSONNEL CAN WALK ON, INSPECT, TOUCH-UP COAT) – 14 Hrs @ 65°F  
          10 Hrs @ 75°F  
          8 Hrs @ 85°F
- 3)    MAXIMUM RECOAT – 48 Hrs @ 65°F  
          44 Hrs @ 75°F  
          40 Hrs @ 85°F
- 4)    CURE TO FULL SERVICE – 52 Hrs @ 65°F  
          48 Hrs @ 75°F  
          44 Hrs @ 85°F

THE GRAPH OR CHART SHALL HAVE AT A MINIMUM EACH OF THESE TIMES AT THE STATED MINIMUM AND MAXIMUM AMBIENT TEMPERATURES, AND AT LEAST ONE DATA POINT IN BETWEEN (E.G., IF A PRODUCT CAN BE APPLIED AS LOW AS 40 F, AND AS HIGH AS 100 F, THE CHART OR GRAPH MAY HAVE DRY TO RECOAT, DRY TO HANDLE, MAX RECOAT AND CURE TO FULL SERVICE TIMES FOR 40 F, 100 F, AND 70 F. FOR PRODUCTS WHERE HUMIDITY AFFECTS CURE TIMES, ADDITIONAL CHARTS AND/OR GRAPHS WILL BE REQUIRED FOR DIFFERENT AMBIENT RELATIVE HUMIDITY CONDITIONS.

- (d) EQUIPMENT REQUIREMENTS (INCLUDE PREFERRED, SUITABLE, NOT SUITABLE REQUIREMENTS) – **Dex-O-Tex mixing blade, 6-gallon (or larger) container**
- IF PLURAL COMPONENT EQUIPMENT IS REQUIRED, STATE SO – N/A
- IF HEATED LINES ARE REQUIRED, STATE SO – N/A
- (e) SPECIAL INSTRUCTIONS - **N/A**

REPAIR PROCEDURES IF THE OVERCOAT WINDOW HAS BEEN EXCEEDED: **Lightly sand and solvent-wipe with isopropanol, acetone, or xylene**

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I. GENERIC TYPE AND DESCRIPTION: N/A  
Specification Number (If Applicable): N/A

ADDITIONAL DATA/ INSTRUCTIONS: N/A

II. MANUFACTURERS DATA: N/A

ADD ADDITIONAL COMMENTS FROM PART II HERE: N/A

III. PROPERTIES: N/A

ADD ADDITIONAL COMMENTS FROM PART III HERE - N/A

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

ADD ADDITIONAL COMMENTS FROM PART IV HERE - N/A

V. MIXING PROCEDURES - N/A

ADD ADDITIONAL COMMENTS FROM PART V HERE - N/A

VI. APPLICATION REQUIREMENTS - N/A

ADD ADDITIONAL COMMENTS FROM PART VI HERE - N/A