



# A-70 VLW Concrete Bond Coat

Wet Bonding Mortar

Referenced in USCG – 164.106/33/0

## DESCRIPTION

A-70 VLW Bond Coat is a Marine Grade wet bonding mortar used for the application of A-70 VLW Concrete. Once applied to the metal substrate A-70 VLW Concrete is applied directly over top of it often while still wet.

### Theoretical Coverage Rates

0.01 inch	0.254mm	10 mils
565 Square Feet Per Kit		

**\*\*1 Kit Consists of 2 Gallons of A-70 Latex Liquid and 1 Bag of A-70 VLW Bond Coat Powder\*\***

### Installation Guideline for the complete A-70 VLW Concrete System

**Step1:** Blend together 1 bag of **A-70 VLW Bond Coat powder** and 2 Gallons of **A-70 Latex liquid**. Once thoroughly mixed use a masonry brush and spread the paste mixture directly onto the desired substrate.

**Step2:** Mix 1 Bag of **A-70 VLW Powder** with 1 Gallon of **A-70 VLW Latex liquid**. Blend Until the dry powder forms a slurry compound. Pour this slurry compound directly over top of the previously applied Bond Coat mixture.

**Step3:** Using a common masonry trowel; finish trowel the concrete to its desired texture.

### 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 ColorflakeM 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.

# A-70 VLW Concrete Bond Coat

Wet Bonding Mortar  
USCG – 164.106/33/0

## 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. 45°F	Max. 88°F
<b>Max Relative humidity</b>	Min. <90%	Max. 85%
<b>Ambient Air Temp</b>	Min. 45°F	Max.100°F

<b>Dry to Re-Coat or Use</b>	14Hrs 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>	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.

# A-70 VLW Concrete Bond Coat

Wet Bonding Mortar  
USCG – 164.106/33/0

## Warranty Information

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP.'S INVOICE ARE MET. CROSSFIELD PRODUCTS CORP. WARRANTS TO THE PURCHASER OF ITS PRODUCTS THAT SUCH PRODUCTS ARE FREE FROM MANUFACTURING DEFECT. CROSSFIELD DOES NOT WARRANT OR GUARANTEE THE WORKMANSHIP PERFORMED BY ANY PERSON OR FIRM INSTALLING ITS PRODUCTS. CROSSFIELD'S OBLIGATION UNDER THIS WARRANTY IS LIMITED SOLELY TO THE ORIGINAL PURCHASER AND SOLELY TO THE REMEDY OF REPLACEMENT IN KIND OF ANY PRODUCT WHICH CROSSFIELD SOLD WHICH MAY PROVE DEFECTIVE IN MANUFACTURE WITHIN ONE YEAR FROM DATE OF INSTALLATION, PROVIDED SAID PRODUCT WAS STORED CORRECTLY AND INSTALLED WITHIN THE PRODUCT'S SHELF LIFE, BY THE ORIGINAL PURCHASER AND WHICH CROSSFIELD EXAMINATION SHALL DISCLOSE TO CROSSFIELD'S SATISFACTION TO BE THUS DEFECTIVE. IN NO EVENT SHALL CROSSFIELD PRODUCTS CORP. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS EXPRESSLY GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND ALL OTHER OBLIGATIONS OR LIABILITIES ON CROSSFIELD'S PART, AND WE NEITHER ASSUME NOR AUTHORIZE ANY PERSON OR PERSONS TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF A CROSSFIELD PRODUCT. THIS WARRANTY SHALL NOT APPLY TO ANY OF CROSSFIELD'S PRODUCTS, WHICH HAVE BEEN SUBJECT TO ADULTERATION, ALTERATION, ABUSE OR MISUSE. CROSSFIELD PRODUCTS CORP. MAKES NO WARRANTY WHATSOEVER IN RESPECT TO ACCESSORIES, PARTS OR MATERIALS NOT SUPPLIED BY CROSSFIELD PRODUCTS CORP., WHICH ARE USED IN CONNECTION WITH ITS PRODUCTS. THE TERM "ORIGINAL PURCHASER" IN THIS WARRANTY MEANS THAT PERSON, CORPORATION OR ENTITY TO WHOM CROSSFIELD PRODUCTS CORP. SOLD ITS PRODUCT OR PRODUCTS. ANY ACTION TO ENFORCE ANY WARRANTY OR FOR BREACH OF CONTRACT OR ARISING OUT OF ANY CLAIM AGAINST CROSSFIELD PRODUCTS CORP. SHALL BE COMMENCED AND MAINTAINED ONLY IN A COURT OF COMPETENT JURISDICTION IN THE CONTINENTAL UNITED STATES OF AMERICA. THE PURCHASER ACCEPTS THESE TERMS AND CONDITIONS, AND HEREBY EXPRESSLY WAIVES ANY CLAIM TO ADDITIONAL DAMAGES

## Notes: