



VLW Bond Coat

Modified Epoxy Binder Resin

DESCRIPTION

VLW Bond Coat is a high solid, modified epoxy binder resin used as an auxiliary coating for priming substrates for the addition of VLW Underlayment. VLW Bond Coat offers substantial protection against corrosion of metal decking and is not a stand-alone product, it is designed specifically for use with VLW Underlayment.

Theoretical Coverage Rates (Using Nap Roller or Mil. Squeegee)

Recommended *Minimum* Application Thickness

0.005 inches	0.127 mm	5 mils
283 Square Feet Per Kit		

Recommended *Maximum* Application Thickness

0.007 inches	0.177 mm	7 mils
202 Square Feet Per Kit		

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

Item Number	Description	Components	Weight
0980N	VLW Bond Coat Resin	Part. A	6.4 lbs. / 2.90 KG
0981N	VLW Bond Coat Hardener	Part. B	1.5 lbs. / 0.68 KG

Installation Guideline for VLW Bond Coat

Step1: Pour contents of VLW Bond Coat onto working surface and spread using a notched squeegee or epoxy roller. VLW Bond Coat can also be applied by pouring mixed contents into a paint tray and using an epoxy roller, roll from the paint tray onto the working surface.

Step2: 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: If a **non-skid finish** is required. Blend non-skid aggregate into mixed VLW Bond Coat, pour contents into a painting tray and then apply from the painting tray with an epoxy nap roller. Sometimes this method is used if the following system needs an aggressive profile to adhere to.

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. VLW Bond Coat may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441 or can be used in lieu of the Formula 150 primer in accordance to USN Standard Items 009-26 section 3.7.3. Consult your local Dex-O-Tex Marine Rep. when wood or other deck surfaces are involved.

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Scientifically Superior I Performance Proven

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. Multiple 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. 50°F	Max. 80°F
Relative humidity	Min. <90%	Max. 90%
Ambient Air Temp	Min. 50°F	Max.90°F

Min. Re-Coat	12Hrs at 60°F	24Hrs at <40°F
Max Re-Coat	24Hrs at 60°F	48Hrs at <40°F
Cure to Full Service	48Hrs at 60°F	96Hrs at <40°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 materials are the correct materials, in the correct packaging and are accounted for in good condition. Sort the materials and store them in a climate-controlled storage area.

Applicator Notes

For proper workability it is important the Dex-O-Tex materials be stored and mixed at a temperature between 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 60°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 (**SDS**) before handling polymeric materials.

Warranty Information

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