

CrossLink VB™



Product Data Sheet



Creating Material Change

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CrossLink VB™

Crosslinking Vapor Barrier that is part of Haydale's ComposiCoat™ Flooring System

Haydale's CrossLink VB is the catalyst/crosslinking agent that bonds the CeramycGuard surface treatment and the ComposiCoat XD urethane finish together to form the 3-part composite flooring system. CrossLink VB creates a complete moisture barrier that will not chalk, peel, or delaminate and creates a strong adhesion promotor for CompsiCoat XD.

Note: CrossLink VB is step 2 of 3 for the ComposiCoat Floor Finish System.

Surface Preparation

Make sure that the CeramycGuard application has cured for 24 hours prior to applying the CrossLink VB adhesion promotor. Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. To ensure the CeramycGuard is ready for CrossLink VB, test using a clean, dry standard 3/8" nap paint roller with handle and run it over the surface to make sure no residue from the CeramycGuard transfers to the roller. If the roller has no transferred coating, the surface is ready for CrossLink VB application. If the roller absorbs some CeramycGuard, check ambient temperature and humidity to make sure the environment is within the recommended application conditions and allow the coating to cure another 24 hours. Refer to CeramycGuard™ application specifications for detailed surface preparation.

Application/Spread Rate

Apply with a 1/4 to 3/8-inch nap roller with a coverage rate of 600 sq ft per gallon or 3 mils thickness. Application should be coverage per gallon 400 – 600 sq ft.

Mask off areas of unwanted coverage, plan for cut in brush if area can not be adequately masked off and concealed. Keep area off limits from foot traffic for 24 hours after applied.

*** Crosslink VB must cure to a tack-free surface before applying the top layer ComposiCoat XD. This is usually within 30 minutes, but the top coat must be applied within 6 hours for proper bonding of the top coat to occur.**



Contact us: T: +44(0)1269 842946 E: info@haydale.com

Application Conditions

Ambient temperature between 50°F - 85°F.

We recommend using a HOBO MX 1101 or similar measuring device to capture and record temperature and humidity information before, during, and at the completion of installation to ensure curing conditions have been properly met:

Drying Schedule @ 1 mil dry thickness @ 50% RH

	55°F	70°F	85°F
To Touch:	30 minutes	30 minutes	30 minutes
To Topcoat:		<6 Hours	
<i>(Drying time is temperature, humidity, and film thickness dependent).</i>			
Pot Life:	1 year		
Shelf Life:	1 year from date of delivery when stored in original, unopened container indoors at 35°F - 100°F		
Flash Point:	14° F		
Packaging:	1 gallon/3.785-litre (400 – 600 sq ft)		
Clean Up:	Clean sprayer and tools thoroughly with acetone after application to remove all leftover material. Safety Precautions: Always read the Safety Data Sheet (SDS) before use. Wear safety glasses to protect eyes, gloves, respirator, or other protective gear as necessary to avoid exposure to eyes, mouth, skin and other sensitive areas of the body.		
Recommended uses:	CrossLink VB can be used as an adhesion promotor for CompositCoat XD or other compatible topcoat system. CrossLink VB can also be used to provide a moisture barrier and seal for CeramycGuard when applied over concrete block or other extremely porous vertical cementitious surfaces.		



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