



CrossLinker[™]

Crosslinking vapor barrier that is part of Zirconia's CompsiCoat XD[™] Flooring System

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

Note: CrossLinker[™] is step 2 of 3 for the CompsiCoat XD[™] Floor Finish

Surface Preparation: make sure that the CeramycGuard[™] application has cured for 24 hours prior to applying the CrossLinker[™] 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 CrossLinker[™], 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 CrossLinker[™] 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 knap 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.

***Crosslinker[™] must cure to a tack-free surface before applying the top layer CompsiCoat 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.**

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 & 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	

(Drying time is temperature, humidity, and film thickness dependent).

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-liter (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: CrossLinker™ can be used as an adhesion promoter for CompositCoat XD™ or other compatible topcoat system. CrossLinker™ 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.

Warranty

Zirconia warrants (i) its title to the product, (ii) that the quality of the product conforms to Zirconia’s standards at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT ZIRCONIA MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY ZIRCONIA. Any claim under this warranty must be made by Buyer to Zirconia in writing within five (5) days of Buyer’s discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer’s failure to notify Zirconia of such non-conformance as required herein shall bar Buyer from recovery under this warranty. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Zirconia. Zirconia is not responsible for any consequential damages.

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