



CrossLinker[™]

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

Surface Preparation: CrossLinker is to be applied only over CeramycGuard[™]; make sure that CeramycGuard has cured for at least 24 hours prior. Surface must be clean, dry and in sound condition. Ensure surface has no oil, dust, grease, dirt, loose rust, and other foreign material present to ensure adequate adhesion. To check that CeramycGuard is ready to accept CrossLinker, test using a clean and damp white rag, by wiping at several random areas. The rag should come away clean, or with only a very light residue. If CeramycGuard can be wiped away, 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 TDS for more details.

Application: Apply at 1-2 mils wet film thickness, with a 1/4 to 3/8-inch nap shed-free roller cover. Coverage per gallon is typically 300-400 sq ft, varying based on porosity and surface profile. It is recommended to apply using a crosshatch pattern with 50% overlap. Use spiked shoes to walk the floor and reapply as needed where material is absorbing and leaving lighter/matted areas. Reapplication should continue until wet film thickness can be maintained. CompsiCoat XD must be applied over a tack-free surface, and within 4 hours.

Recoat: 0-60 mins **Topcoat:** < 4 hours

Mask off areas of unwanted coverage, plan for cut in brush if area cannot be adequately masked off and concealed. Keep material sealed when not in use; material ages quickly once opened and should be used same day.

If an application cannot be finished in one day, take care to apply only as much CrossLinker as needed for the area to be topcoated with CompsiCoat XD. Therefore, it is recommended to apply in multiples of 800 sqft, as CompsiCoat XD is supplied in 2-gal kits, and coverage is 800 sqft/kit (400 sqft/gal).

If the topcoat window is exceeded, CrossLinker must be allowed to cure until next day and sanded back down to CeramycGuard with 80+ grit before recoating area. Existing topcoat can also be lightly sanded at the edge, so that CrossLinker and subsequent CompsiCoat XD can be blended in.

Keep area off limits from foot traffic for 24 hours after applied.

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: 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.

Warranty

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