

Perma-Top Cove



OVERVIEW & FEATURES

Perma-Top Cove is a three-component 100% solids epoxy mortar designed to create a seamless cove prior to the application of an epoxy or urethane flooring system. This product has specially selected aggregate and ingredients to provide easy construction of cove bases with the use of a marginal trowel or other cove base application tools.

Seamless - Perma-Top Cove creates a seamless cove that will tie in the wall with the floor and form the base layer of a monolithic flooring system.

VOC Compliant - Perma-Top Cove is a solvent-free product that can be used where a non-flammable, odorless product is required. Perma-Top Cove is VOC compliant and can be used in situations where employee health and safety is a concern.

APPLICATION

Product Storage - Continuous storage should be above 55°F to prevent crystallization. Before using, allow product to reach room temperature.

Surface Preparation - All oil, dirt, dust and foreign contaminants must be removed to ensure a trouble-free bond to the substrate. An aggressive shot blast should be performed on the floor prior to application. All edges around columns or beams should be mechanically scarified. Termination points should be feather edged and saw cut with the termination ending at the saw cut or blended into an epoxy floor overlay. Large cracks should be V-cut and filled with appropriate filler. Expansion joints should also be filled with appropriate joint filler. If Perma-Top Cove is applied over an expansion joint, a single saw cut through the Perma-Top Cove upon curing will prevent fracturing. No primer is necessary, however Perma-Top Cove adheres better to drywall if it is pre-primed with the A and B blend of this product. Drywall should be wiped clean of all joint compound dust.

Mixing - First, mix the liquids (Parts A & B) in an oversized container until streak free. Although not necessary, this blend can be used to lightly coat the wall where Perma-Top Cove will be applied. After the liquids are thoroughly mixed, add aggregate Part C. Mix with slow speed mixing equipment such as a jiffy mixer or rotating bucket/stationary mixing blade assembly. Product must be mixed thoroughly to ensure aggregate is completely wetted out. No induction time is necessary. Improper mixing may result in product failure.

Application - Apply the thoroughly mixed material using a marginal trowel, cove base trowel, or other suitable tool at a minimum of 1/8" thick. Do not over-trowel the material as this may cause isolated blisters to form. Use methanol or isopropanol on the trowel for easier application. Maintain temperatures within the recommended ranges during the application and curing process.

Re-coat or Topcoat - If you opt to re-coat or topcoat this product, you must be sure the original coating has cured. Use a sanding brick to remove high spots and uneven surfaces. Many epoxy and urethane coatings are suitable for use as topcoats.

Clean-Up - Use xylol.

Floor Cleaning - Some cleaners may affect the color of the floor installed. Test each cleaner in a small area before cleaning the entire surface.

PRECAUTIONS

- Use with adequate ventilation
- Skin or eye exposure or inhalation can result in serious medical problems
- Avoid contact with eyes, skin and clothing; in the event of eye contact, immediately flush eyes with water and contact a physician
- Wear gloves or protective creams; if skin contact occurs, wash at the first opportunity with soap and water
- Keep out of the reach of children
- For industrial use only

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Technical Data	Perma-Top Cove
Flexural Strength (ASTM D 790)	15,000 psi
Tensile Strength (ASTM D 638)	9,200 psi
Compressive Strength (ASTM D 695)	14,575 psi
Heat Defelction Temp. (ASTM D 648)	144.0°F (62.25°C)
Shelf Life	1 year, unopened
Coverage	Dependant on style/type of cove. Generally, 1 kit will 0.25 cf.
*Curing Schedule (70°F)	
Pot Life	25 - 35 minutes
Recoat/Topcoat	6 - 10 hours
Light Foot Traffic	8 - 10 hours
Full Cure	2 - 7 days
Packaging (Kit)	Part A, 0.45 gal.; Part B, 0.23 gal.; Part C, 26.5 lb.

* Time varies depending on air temperature and humidity.

For specific recommendations and coverage rates, please contact your local Garland Representative.

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.