

KEMOXY CONC. (P) EPOXY RESIN BASED PRIMER

Rev.00-241110

PRODUCT DESCRIPTION	
<p>KemOxy Conc. (P) is a modified two-component epoxy resin based primer. The system comprises of an epoxy resin in combination with suitable catalyst. Application of this combined system on the concrete surface provides an excellent adhesion to super-lying structures.</p>	
INTENDED USES	
<p>KemOxy Conc. (P) is use for flooring, painting on concrete structure and can be recoated with topcoat by using epoxy, polyurethane, chlorinated rubber paints.</p>	
SPECIFICATION DATA	
Thickness	100 micron
Type	2 pack
Shade	Clear
Finish	N/A
Chemical Base	Epoxy Polyamide
Mixing Ratio	2.5:1/wt
Coverage kg/sq.m.	0.171
Recommended No. Of Coats	1
Re-coating Interval	Min. 4 hrs
Surface Dry Time	2 hrs
Curing Time	16 hrs
Pot Life	30 min.
Shelf Life (under std. condition)	12 months
Recommended System	Primer
Pack Size	28 kg
<p>Note: These figures are theoretical under controlled conditions and may vary depending upon site conditions i.e. temp., humidity, surface porosity, surface profile, handling of material etc.</p>	
DIRECTION OF USE	
<p>SURFACE PREPARATION:</p> <p>As is the case with every coating scheme, the surface profile is of utmost importance. In order to achieve optimum bonding between substrate and coating, it is necessary to apply product only on fully dry and neatly cleaned surfaces.</p> <p>Precautionary measures for new concrete floors:</p> <p>Newly aid concrete surfaces are; For the first month or so after pouring, "green" meaning i.e. wet and</p>	

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alkaline. New concrete should be allowed to cure for 28 days prior to coating because of the concerns over the effect of water on floor coating adhesion. Check the moisture level (should be below 5%) prior to application.

Precautionary measures for old concrete floors:

Surface should be free from dust, grease, oil, laitance, loose material, old coatings etc. Generally cleaning with Kleenol or equivalent is enough to remove grease/oil. Smooth, aged concrete may be etched with dilute hydrochloric acid for suitable roughness and better adhesion of the epoxy flooring. In case of heavy oil & grease contamination, existing partial coating or structurally unsound concrete layer has occurred or old coatings are present mechanical cleaning is advisable.

KEMOXY CONC. (P) APPLICATION:

After ensuring that the surface is free from all adverse factors, apply KemOxy Conc. (P) a modified two component solvent less epoxy resin based primer.

Mix the entire content of the base and catalyst thoroughly and apply immediately to the surface by a notched trowel of the recommended teeth size and a spiked roller, brush or roller. Ensure proper penetration of the coating into the substrate with our KemOxy Conc. (P). Allow the primer to set for 8 hours but not more than 16 hours prior to application of subsequent coats. Longer curing will require abrading of primer for proper adhesion.

CLEAN UP

For cleaning of application equipment and tools use Chembond's thinner no.3.

MAINTENANCE

For maximum life expectancy, routinely sweep and wash floors with conventional detergent cleaners. Do not steam clean: all spills powder or liquid should be cleaned up immediately. Inspect the floor regularly for wear, breaks or damages, if found any immediately consult with Chembond's technical service personnel or authorized applicator.

SAFETY PRECAUTIONS

Take care to avoid skin or eye contact and breathing vapours. In the event of the skin contact immediately wash thoroughly. In the event of eye contact, wash continuously for 15 minutes in water and seek medical advice. Wear protective clothing, gloves, and safety glasses while using this product. If inhalation occurs, move to fresh air and seek medical advice in case of difficulty in breathing. Keep material away from heat, flames, and sources of ignition. For further details read Material Safety Data Sheet.

LIMITATIONS OF LIABILITY

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.



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