

KEMFLOR 630

RESIN BASED ALIPHATIC PU COATING

Rev.00-241110

PRODUCT DESCRIPTION	
KemFlor 630 is a modified two-component Polyurethane resin based Aliphatic Clear Coating. Application of this combined system on the concrete surface provides an excellent adhesion to super-lying structures.	
INTENDED USES	
KemFlor 630 is use for flooring in various areas. KemFlor 630 can be used as a top coat on various systems where excellent UV resistance is required.	
SPECIFICATION DATA	
Thickness	50 micron
Type	2 pack
Shade	Clear
Finish	Glossy
Chemical Base	Polyester Polyol Cured with Aromatic Diisocyanate
Mixing Ratio	1.25:1/wt
Coverage kg/sq.m.	0.072
Recommended No. Of Coats	2
Re-coating Interval	Min. 12 hrs
Surface Dry Time	3 hrs
Curing Time	7 days
Pot Life	30 min.
Shelf Life (under std. condition)	6 months
Recommended System	Various
Pack Size	-
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.	
DIRECTION OF USE	
SURFACE PREPARATION: 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.	
Precautionary measures for new concrete floors: Newly laid concrete surfaces are; For the first month or so after pouring, "green" meaning i.e. wet and 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.	

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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.

KEMFLOR 630 APPLICATION:

Ensure that the surface to be top coated is smooth, zero level and free of any surface impurities. Stir well before mixing then add the KemFlor 630 parts, under continuous stirring by a very slow speed stirrer. DO NOT MIX BY HAND. Remove all material from each can. Scrape the sides of the container several times to ensure complete mixing. Be careful to not introduce any air bubbles while mixing. Apply by Roller / Brush and allow curing for 8 hrs before applying second coat. Allow it to cure and allow trafficking after 24 hrs of ageing.

CLEAN UP

For cleaning of application equipment and tools use Chembond's thinner no.4.

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 PRECATIONS

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.