

## KEMFLOR 632

### WATER BASED ALIPHATIC PU COATING

Rev.00-241110

#### PRODUCT DESCRIPTION

KemFlor 632 is a two-pack, high performance, Water Based Aliphatic PU coating a topcoat in heavy-duty applications. It can be used as a part of a system comprising a primer coat of epoxy in areas exposed to heavy chemical and atmospheric exposure.

- Fast curing
- Good abrasion resistance
- Good chemical resistance
- High mechanical strength
- Easy & fast application
- Floor can be put in use quickly
- Good durability
- Seamless
- Aesthetic: Available in several colors
- Provides a hygienic surface (easy to clean)

#### INTENDED USES

As Top coat for Floor coating in industries, pharma units & cold storages.

- Resists splash and spillage of dilute organic acids
- Excellent resistance to splash and spillage of most alkalis
- Excellent resistance to UV
- Resists concentrated salt solutions
- Withstands most of petroleum and aromatic solvents

#### SPECIFICATION DATA

<b>Thickness</b>	50 micron
<b>Type</b>	2 pack
<b>Shade</b>	Limited
<b>Finish</b>	Matt
<b>Chemical Base</b>	WB Polyol Cured with Aliphatic Isocyanate
<b>Mixing Ratio</b>	4:1/wt
<b>Coverage kg/sq.m.</b>	0.112
<b>Recommended No. Of Coats</b>	2
<b>Re-coating Interval</b>	Min. 12 hrs
<b>Surface Dry Time</b>	3 hrs
<b>Curing Time</b>	7 days
<b>Pot Life</b>	30 min.
<b>Shelf Life (under std. condition)</b>	6 months
<b>Recommended System</b>	Various
<b>Pack Size</b>	5 kg / 20 kg

**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.

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DIRECTION OF USE	
<p><b>SURFACE PREPARATION:</b></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><b>Precautionary measures for new concrete floors:</b></p> <p>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.</p> <p><b>Precautionary measures for old concrete floors:</b></p> <p>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 &amp; grease contamination, existing partial coating or structurally unsound concrete layer has occurred or old coatings are present mechanical cleaning is advisable.</p> <p><b>KEMFLOR 632 APPLICATION:</b></p> <p>Ensure that the surface to be top coated is smooth, zero level and free of any surface impurities. Stir the components thoroughly and then mix parts in given mixing ratio to complete uniformity, additional water may be added, but not recommended during application. Use of roller/ spray.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Do not apply when temperature falls below 10°C or when relative humidity rises above 75% or during rain, fog or mist.</li> <li>• Brushes or spray equipment should be cleaned with water otherwise equipment is liable to be damaged.</li> <li>• Mix quantity, which can be used off within the utilization period.</li> </ul>	
CLEAN UP	
<p>For cleaning of application equipment and tools use water.</p>	
MAINTENANCE	SAFETY PRECAUTIONS
<p>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</p>	<p>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,</p>

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service personnel or authorized applicator.	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.
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#### 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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