TC122 FOR DRY CONCRETE SURFACE

Temafloor 400  
Temafloor P300

Coating systems TC122 are suitable for new and old concrete floors exposed to medium mechanical and chemical stress in industrial and storage facilities, repair shops; e.g. process or paper machine units and corridors. Good resistance to abrasion, different chemicals and dilute solutions of non-oxidizing acids, alkali and salt solutions.

<table>
<thead>
<tr>
<th>Stress categories/durability according to PSK 2703</th>
<th>Tikkurila Industry code</th>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry concrete surfaces</td>
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<tr>
<td>Stress category BC3</td>
<td>TC122</td>
<td>EP500-D/GD2</td>
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<tr>
<td>Constant medium mechanical stress, eg. constant foot traffic and occasional forklift traffic. Withstands washing with water and stain removal with neutral detergents. Coating appearance grade Ps2.</td>
<td>Temafloor 400</td>
<td>1-2 times</td>
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<td>Temafloor P300</td>
<td>500 μm</td>
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<td></td>
<td>DFT</td>
<td>500 μm</td>
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</tbody>
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Marking of paint systems according to standard PSK 2703 e.g. TC122-PSK 2703/FS3.1 EP500-D/GD2

COLOURS

Temafloor P300 can be tinted due to its’ TPH, TLH and aluminium pigmented base paints to many different colour shades also to metallic colour shades using Temaspeed Premium tinting system.
SURFACE PREPARATION
Preparation grade GD2 (PSK 2703)
Remove oil, grease, chemicals and other impurities from the surface with a suitable method. Remove old coating, cement paste and weak layer from the floor surface so that the fine aggregate is exposed. At day-work joints, expansion joints, floor gullies and corner reinforcements bevel the edges of concrete substrate slabs 30 to 70 mm for the entire length of the joint. Clean holes and cracks in the surface before coating and fill them with a filler screed compatible with the coating system.

APPLICATION CONDITIONS
The relative humidity of the concrete should not exceed 97%. The temperature of the ambient air, surface or coating should not fall below +15°C during application or drying. Relative humidity of air should not exceed 80%.

APPLICATION
PRIMING
Prime using 30–50% with Thinner 1031 or 1029 thinned Temafloor 400 epoxy varnish. Pour the mixture onto the floor and apply as much as is needed to impregnate the surface. If necessary, repeat the priming to get a non-porous surface. Subsequent treatment may be carried out after 2 h using “wet-on-wet” technique. A porous priming coat will result in holes and air-bubbles in a finished coat.

PATCHING
Patch pot-holes and cracks with a mixture of unthinned Temafloor 200 Primer epoxy varnish and dry, clean sand or with Colofill epoxy putty.

OVERCOATING
Overcoating may be carried out not earlier than 6h (+23°C) but not later than 24hrs after priming and patching. If the primed surface is not overcoated within 24hrs, it should be abraded. Apply by a trowel and level with a roller. Recommended film thickness is 0.3–0.5 mm.

TOP LACQUERING
Top lacquering may be carried out if necessary using Temafloor 210, Temafloor 400 or Fontedur FL Matt lacquers.

PRODUCT INFORMATION
More detailed information in respective data sheets.