TC111 FOR DRY CONCRETE SURFACE

Temafloor 150

TC211 FOR MOIST CONCRETE SURFACE

Temafloor 220W Primer

Temafloor 150

Coating systems TC111 / 211 are suitable for new and old concrete floors exposed to chemical and mechanical stress in industrial facilities, warehouses and repair shops. Withstands + 70 ºC dry heat and + 60 ºC in immersion. Does not resist abrupt, great or repeated changes of temperature. Suitable also for painting of floors of garages, staircases, balconies, washing facilities, cellars etc.

Stress categories/durability according to PSK 2703

<table>
<thead>
<tr>
<th>Stress category BC2</th>
<th>Tikkurila Industry code</th>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry concrete surfaces</td>
<td>TC111</td>
<td>EP250-D/GD2</td>
</tr>
<tr>
<td>Light mechanical stress, e.g. foot traffic. Withstands washing with water and stain removal with neutral detergents. Coating appearance grade Ps2.</td>
<td>Temafloor 150</td>
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<td></td>
<td>1-2 times</td>
<td>250 μm</td>
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<tr>
<td>Moist concrete surfaces</td>
<td>TC 211</td>
<td>EP250-W/GD2</td>
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Marking of paint systems according to standard PSK 2703 e.g. TC111-PSK 2703/FS2.1 EP250-D/GD2

COLOURS

Temafloor floor coatings colour card. TEMASPEED tinting.
SURFACE PREPARATION
Preparation grade GD2 (PSK 2703)
Remove oil, grease, chemicals and other impurities from the surface with a suitable method. Remove old coating, laitance 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
Dry concrete surface TC111
The relative humidity of the concrete should not exceed 97 %. The temperature of the ambient air, surface or coating should not fall below + 15 ºC during application or drying. Relative humidity of air should not exceed 80 %.

Moist concrete surface TC211
The temperature of the ambient air, surface or coating should not fall below + 15 ºC during application or drying. Relative humidity of air should not exceed 80 %.

APPLICATION
PRIMING
Prime using 10 - 30 % with Thinner 1029 thinned Temafloor 150 epoxy paint (TC111) or with Thinner 1031 or 1029 thinned Temafloor 220W Primer epoxy varnish (TC211). 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.

OVERCOATING
Overcoating may be carried out not earlier than 8 h (+ 23 ºC) after priming and patching. If the primed surface is not overcoated within 24 hrs, it should be abraded. Apply by a trowel and level with a roller.

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.