

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 °C dry heat and + 60 °C 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	Tikkurila Industry code	Treatment
Dry concrete surfaces		
Stress category BC2 Light mechanical stress, e.g. foot traffic. Withstands washing with water and stain removal with neutral detergents. Coating appearance grade Ps2.	TC111 Temafloor 150 Temafloor 150	EP250-D/GD2 DFT 1-2 times <u>250 µm</u> 250 µm
Moist concrete surfaces		
Stress category BC2 Light mechanical stress, e.g. foot traffic. Withstands washing with water and stain removal with neutral detergents. Coating appearance grade Ps2.	TC 211 Temafloor 220 W Primer Temafloor 150	EP250-W/GD2 DFT 1-2 times <u>250 µm</u> 250 µm

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 °C 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 °C 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 °C) 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.

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The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.