
TC103 FOR DRY CONCRETE FLOOR**Temafloor 400****TC203 FOR MOIST CONCRETE SURFACE****Temafloor 220W Primer****Temafloor 400**

Coating systems TC103 / TC203 are suitable for dust binding and varnishing of new and old concrete floors exposed to mild chemical and mechanical stress in industrial facilities, warehouses and repair shops and for dust binding of multistorey garages. Can be used as a finishing varnish in the Temafloor Chips flooring system.

Stress categories/durability according to PSK 2703**Tikkurila Industry code****Treatment****Dry concrete surfaces****Stress category BC1**

Low mechanical or chemical stress, dry indoor conditions.
Coating appearance grade Ks3 or Ps3.

TC103

Temafloor 400
Temafloor 400

EP100-D/GD1

1-2 times
100 µm
DFT 100 µm

Moist concrete surfaces**Stress category BC1**

Low mechanical or chemical stress, dry indoor conditions.
Coating appearance grade Ks3 or Ps3.

TC203

Temafloor 220W Primer
Temafloor 400

EP100-W/GD1

1-2 times
100 µm
DFT 100 µm

Marking of paint systems according to standard PSK 2703 e.g. TC103-PSK 2703/FS1.1 EP100-D/GD1

COLOURS

Clear.

SURFACE PREPARATION**Preparation grade GD1 (PSK 2703)**

Remove oil, grease, chemicals and other impurities from the surface with a suitable method. Remove old coating, laitance and curing compound from the floor surface.

APPLICATION CONDITIONS**Dry concrete surface TC103**

The relative humidity of the concrete should not exceed 97 %. The temperature of the ambient air, surface or coating should not fall below + 5 °C during application or drying. Relative humidity of air should not exceed 80 %.

Moist concrete surface TC203

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 20 - 40 % with Thinner 1029 thinned Temafloor 400 or 30 - 50 % with Thinner 1029 thinned Temafloor 220W Primer epoxy varnish. Pour the varnish onto the floor and apply evenly. If the primer is absorbed into the concrete, repeat the priming immediately 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 400 or Temafloor 220W Primer epoxy varnish and dry, clean sand or with Colofill epoxy putty.

OVERCOATING

Overcoating may be carried out 16 - 24 hrs after priming. If the primed surface is not overcoated within 24 hrs, it should be abraded. Apply by a trowel and level with a roller.

PRODUCT INFORMATION

More detailed information in respective data sheets.

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