

Data sheet

DENSITOP® MT

- high wear and impact resistance

Densitop® MT is a flooring with high wear and impact resistance that can be used in most areas exposed to wear and impact. The flooring can be laid to good level even where the base concrete is somewhat uneven.

CONSUMPTION		per m ²
Densit® Curing Compound		0.25 kg
Densidur 00		3-4 kg

CONSUMPTION		approx. pr. m ²
per mm thickness	Standard 1 component	2 components
Densitop® MT	2.26 kg	
Densitop® Basic		1.70 kg
Densidur Q5		0.56 kg

Densitop® MT consists of a high-strength cement-based dry mortar that mixes with water to an easily worked mortar. It can also be mixed from two components: Densitop® Basic mortar and Densidur Q5 aggregates.

Densitop® MT is applied as an 8–12 mm thick layer onto new or existing base concrete. Various colours are available.

SPECIFICATION

The base concrete is prepared by planing, scabbling, and water saturation.

The Densitop® MT dry mortar is mixed with water (or Densitop® Basic dry mortar is mixed with water and Densidur Q5 aggregates) in a batch mixer.

The mortar is laid and vibrated as a 8-12 mm thick layer.

The surface is spike-rolled.

Finally, the surface is sealed with Densit® Curing Compound or by sand saturation with e.g. Densidur 00.

Technical data

The properties depend upon curing temperature. The data given are typical for curing at 20°C.

Impact strength can be improved by adding steel fibres, and wear resistance and compressive strength can be improved by incorporating bauxite.

Slip resistance can be improved by sand saturation of the surface.

For further information, please refer to the TECHNICAL INFORMATION section of the catalogue, and the Densitop® Handbook.

PROPERTY	Standard	Value	1 day	7 day	28 days
Compressive strength (MPa)	EN 12190		55	90	120
Flexural strength (MPa)	EN 196		8	12	17
Wear resistance (cm ³ /50 cm ²)	DIN 52108	5.5-6			
Freeze-thaw resistance	SS 137244	Very good			
Impermeability	DIN 1048	Water penetration < 1 mm			
Coefficient of expansion	EN 1770	$\alpha_m = 10 \cdot 10^{-6} / ^\circ\text{C}$			
Electrical conductivity (Ωm)	Force method	10 ⁵ dry 10 ⁴ wet			
Setting time (hours)	EN 196-3	5-7			
Density (kg/m ³)	EN 12190	2400			
Cr ⁶⁺ %		< 0.0002			



In accordance with EN 13813: CT-C110-F10-A9-A1 fl

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