



TECHNICAL DATA SHEET – DENSITOP® BASIC CEMENTITIOUS SPECIAL MORTAR

Revised: 06/2017

DESCRIPTION

Densitop® Basic is a high strength cement-based dry mortar that mixes with water to an easily worked mortar with high inner cohesion. Densitop® Basic is ideal for filling of joints (cobblestones, etc.). Densitop® Basic is also suitable as a basic material that can be customized through the use of various aggregates (granite, bauxite, etc.). Densi-

top® Basic accommodates a maximum aggregate size of 2 mm. 25 kg Densitop® Basic with water amounts to approximately 11 l mortar.

MIXING

Densitop® Basic is mixed with water in a batch.

PROPERTIES	STANDARD	VALUE	1 DAY	7 DAYS	28 DAYS
Compressive strength - MPa	EN 12190		55	90	120
Flexural strength - MPa	EN 196-1		8	12	17
Wear resistance - cm ³ /50 cm ²	EN 13892-3	5.5-6			
Freeze-thaw resistance - kg/m ²	CEN TS 12390-9	< 0,07			
Impermeability	DIN 1048	Water penetration < 1 mm			
Coefficient of expansion	EN 1770	$\alpha = 10 \cdot 10^{-6} / ^\circ\text{C}$			
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-C100-F10-A1_n