

TECHNICAL DATA SHEET

CABLECEM[®] F 0.4

Description

CableCem[®] F 0.4 is a special binder which is used with underground cable / jacket tube systems. Because of its low thermal resistivity and good flowability the material is especially suitable for the filling of the remaining annular space between the cable and the jacket tube.

Formulation / m³ :	850	kg	CableCem F 0.4
	680	l	water
Suspension density	≈ 1.53	t/m ³	

Remark: for the mixing of the suspension a high-speed mixer should be used

Rheology:

Marsh viscosity (t ₀)	≈	45	s
Processing time:	approx.	5	h
Sedimentation:	≤	3.0	%

Thermal resistivity:	≈ 0.4 m·K/W	(Measuring equipment: Isomet 2104)
Thermal conductivity:	≈ 2.5 W/mK	

Compressive strength: (based on DIN EN 196, prism)

Age of sample	28 d
Compressive strength [MPa]	≈ 0.2

Status: May 2023

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The above data relate to tests under laboratory conditions with the usual metrological tolerances. These along with records of other "suitability tests" are designed to obtain information about the basic suitability of our product in respect of the intended purpose. Even in the case of a project-specific test, the information should not be regarded as a promise of properties with the effect that we can be held responsible for damages resulting from the absence of features and/or properties. Our information therefore does not release customers from the obligation to carry out their own specific tests and take decisions on their own responsibility.

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