

DATA SHEET

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Geratherm Extra

Applications	Screed admixture for cement-bound thin-layer underfloor heating screeds.
Properties	Geratherm Extra increases the bending tensile strength and compressive strength for the underfloor heating screed system, reducing the insulating air void content at the same time. Thin-layer screed can thus withstand loads despite its reduced strength. Screed strength may be reduced up to a min. of 45 mm.
Technical data	
How much to use:	10% of cement weight (= 5 litres of Geratherm Extra / 50 kg of cement)
Mortar composition:	Cement/sand ratio: 1:4.5 per pbw (parts by weight); 50 kg of CEM I cement (pursuant to DIN 1164) 225 kg of gravel sand 0/8 mm (approx. 26-28 shovels) 8 - 10 litres of mixing water 5 kg of Geratherm Extra (10% of cement).
Sequence of adding to the compulsory or conveyor mixer:	6 shovels of gravel sand (approx. 30 l); 2 bags of cement (50 kg); 8 litres of mixing water 5 kg of Geratherm Extra (add directly to the mixing water); 20-22 shovels of gravel sand; use mixing water to make consistency more moist than earth-moist.
	Professional installation is absolutely essential in order to achieve a good result. Note the following in particular: <ul style="list-style-type: none">• Protect the screed from drying out too quickly.• Keep the screed thoroughly moist.• Lay the screed only in draught-free rooms.
Notes:	The screed produced with Geratherm Extra is entirely stable at > 28 days and once it has completely dried out. Preliminary tests must be carried out to check whether the amount of screed used to cover pipes can be reduced.
Storage:	Protect from frost.
Delivery:	10 kg plastic cans

The above values are intended as a guide or have been obtained under laboratory conditions and do not constitute any guarantee of product properties. We recommend carrying out preliminary tests to check that our products are suitable for use with other products. Under our General Terms and Conditions, we guarantee consistently high product quality, but due to the many possible applications we cannot accept any liability for specific results in practical applications. This data sheet supersedes any previous versions.

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