




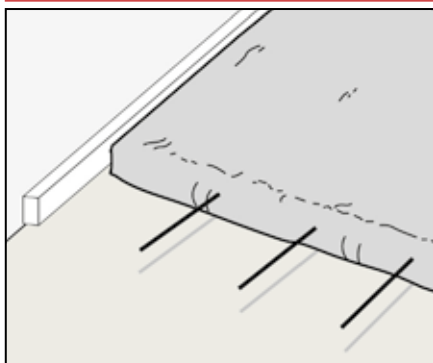
QUICKTERM

READY-TO-USE HEAT INSULATING LIGHTWEIGHT SCREED
WITH COMPENSATED SHRINKAGE
FOR INTERIOR AND EXTERIOR USE

GRANTS *LEED* CREDITS

CHARACTERISTICS	ENVIRONMENTAL	METHOD OF USE	PRECAUTIONS
			
	ECO GREEN	RECYCLABLE	MIX MECHANICALLY
			STORAGE: IN A DRY PLACE

MAKE LIGHTWEIGHT HEAT-INSULATING SCREEDS ON COMMON SUBSTRATES



Description

QUICKTERM is a premixed product made of special binders and lightweight aggregates which, once mixed with water, gives a lightweight heat-insulating screed. It does not give rise to problems of cracking due to shrinkage and provides very high mechanical strength.

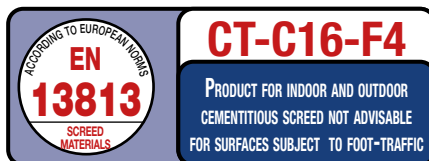
Application Fields

QUICKTERM can be used to cast screeds on old or new slabs, whether floating or adherent, to allow the immediate installation of any ceramic, wood, carpet or linoleum flooring, etc.

With **QUICKTERM** you can create screeds that can be walked on after just a few days.

Advantages

- A lightweight, heat insulating, fire resistant screed with one single product.
- Shrink-proof so there are no problems with cracking.
- Savings in time and money compared to traditional solutions due to quick application and high workability.



Method of use

QUICKTERM can be used to cast screeds on all kinds of substrates. In the event of rising damp, insert a suitable waterproofing layer.

• FLOATING SCREEDS

To separate the screed, spread an insulating PE sheet onto the slab which also acts as a barrier against any rising damp. The sheets must overlap by at least 20 cm and be sealed with tape. The waterproofing sheet must be installed along the perimeter walls of the rooms, with compressible material in between, such as FONOCCELL ROLL, so as to create perimeter joints.

• ADHERENT SCREEDS

For irregular substrates with screeds that have a variable thickness or that are less than 40 mm

thick, it is recommended to reinforce the middle of the screed with a 2 mm \varnothing electro-welded metal mesh (mesh size 50x50mm) anchored onto the substrate. To improve adhesion to the surface apply mortar made with 3 parts **QUICKTERM** and 1 part water-based latex, such as LAVISINT, and 1 part water, onto which the screed can be applied "fresh over fresh"

• MIX PREPARATION

Mix **QUICKTERM** with 20% clean water to plastic consistency using normal site equipment (cement mixer, screw mixers, automatic pressure pumps) (2). A 15 kg bag of **QUICKTERM** may be mixed with approximately 3.0 litres of water.

Mix the mixture carefully for a maximum of about 3 minutes.

The mix should be plastic and highly workable. Too little water (like the earth moist consistency) reduces the mechanical resistance and too much water increases shrinkage and drying times..

• APPLICATION

Apply the mix and smooth it down within 30 minutes of preparation (3). In high temperatures, spread out a PVC sheet straight after application so as to prevent the mortar drying too quickly.

Any casts carried out at different times on the screed must be connected by inserting 5 mm diameter iron bars 20 cm apart so as to guarantee perfect continuity.

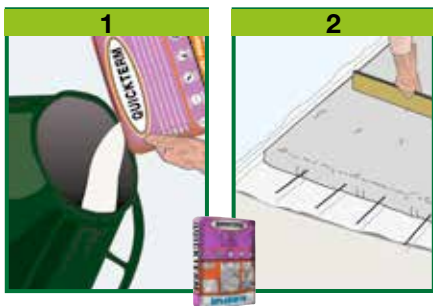
For **heated floors**, the heating should not be started until at least 5 days after application at a supply temperature comprised between +20°C and +25°C; leave for at least 3 days then set the maximum design temperature and leave for at least 4 days. Let the screed cool to room temperature again (EN 1264-4 point 4.4).

It is always recommended to insert a galvanised metal mesh reinforcement with narrow mesh size (2/3 cm) in the area where the pipes run, where the screed thickness may be lower (minimum 3 cm, in accordance with UNI 11493).

• COVERAGE

The yield is approximately 9 kg/m² x cm of thickness.

The weight of a 5 cm screed made with **QUICKTERM** is 45 kg/m², therefore about half that of a traditional screed.



(See following)

TECHNICAL CHARACTERISTICS

	Standard	QUICKTERM
Appearance		Powder
Colour		Grey
Water mix ratio		20% ± 1%
Storage in original packaging in a dry place		12 months
Mix properties and workability	Standard	
Volume mass of the hardened product		~ 1200 kg/m ³
Minimum application thickness over systems	UNI 11493	≥3 cm
Minimum application thickness for adherent screeds	UNI 11493	≥2 cm
Minimum application thickness for floating screeds	UNI 11493	≥4 cm
Maximum application thickness		10 cm
Waiting time - before foot traffic (*)		24 hours
Waiting time - for flooring (*)		3 days
Waiting time - for the start-up of heated floors systems (*)		5 days
Application temperature		+5°C ÷ +35°C
Performance characteristics	Standard	Product performance
Class and type	EN 13813	CT-C16-F4
Compression strength	EN 12190	≥16 N/mm ²
Bending strength	EN 12190	≥4 N/mm ²
Thermal conductivity λ _{10,dry}	EN 1745	0.52 W/mK (printout value)
Thermal resistance - Working temperature		-30°C ÷ +90°C
Fire reaction	EN 13501-1	A1
Hazardous substances	EN 12004	According note in ZA.1

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. These data may change depending on specific site conditions: temperature, ventilation, moisture and substrate absorbency.

(*) The times indicated will be longer or shorter as the temperature drops or rises.

Compliant with the general principles defined in EN 13813 and according to Italian standard UNI 11493.

(See previous)

• PRECAUTIONS

- Use cold water in summer and water at approximately 20°C in winter.
- Application temperature from +5°C to +35°C.
- Do not mix to earth moist consistency. Mix to semi-plastic consistency.
- Do not add water once the mix starts to set.
- Do not add other additional materials to the mix such as cement, plaster, lime, etc.
- Do not wet the surfaces of the screed.
- In the case of rising damp waterproof before casting.
- Install a vapour barrier even on new slabs to

avoid problems with residual humidity.

- Humidity testers that measure electrical conductivity give unreliable results; we recommend using a more precise carbon hygrometer.
- Do not expose the material to the sun in hot weather.
- Store in original closed packaging in a dry place. Protect against frost or high temperatures.

Packaging

15-kg Sacks

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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