

SUPERCEM PRONTO

Premixed cement screed,
quick drying, for internal and external applications

Composed by: aggregates (0 / 2.5 mm), additives,
cement (compliant with UNI EN 197-1).

CE UNI EN 13813

Classification: CT C25 F5



External-Internal Middle-quick

*Ideal for parquet
(UNI 11371)*



PLUS:

- Walkable after 24 hours
- Dry in 4 days (approximately)
- Ideal for **PARQUET**
- Perfect for **FLOOR HEATING**

FIELDS OF APPLICATION

(Always check that the product meets the specifications)

- "adherent" screeds, for indoor or outdoor use.
- "floating" screeds.
- Screeds with anti-impact mattresses.
- Screeds for "fresh on fresh" laying of ceramic tiles.
- Screeds on "floor heating" systems.

PREPARATION OF THE SUPPORT

- Bottom: must be clean and solid.
- Rising humidity: to prevent it, spread a polyethylene sheet of paper on the bottom turned up on the sides (to separate the screed also from the perimeter walls).
- Adherent screeds: spread a cement and latex grout on the bottom elastomeric (improves adhesion). Apply SUPERCEM PRONTO on the fresh grout.

PRODUCT PREPARATION

- Pour all the contents of the bag (and not part) into a mixer screw (TURBOMALT), in a concrete mixer or in a pneumatic pump for screeds. It can also be mixed by hand (as long as the dough turns out homogeneous). Mix for 3/4 minutes.
- Use the mixing water indicated in the table and check that it is dosing correctly in the MIX phase (a handful of material, slightly compressed, remains aggregate as "wet ground") and of LAYING (the beaten and smoothed surface with a trowel is uniform and compact).



METHOD OF USE

- Pump (eventual): pneumatic ("damp earth").
- Start of laying: within 1 hour from the formation of the log strips.
- Laying time: 30-40 minutes from the dough.
- Thicknesses > 3 cm: lay the welded mesh (type Ø 2, mesh 5 x 5 cm galvanized) about halfway through (for shrinkage), create expansion joints (max every 15 m² and on the thresholds), position bands of compressible material along the perimeter walls and pillars.
- Interruptions and resumption of jet: make vertical cuts, insert a net electro-welded on the joint.
- Paving compaction: beat evenly.
- Smoothing: no smoothing or self-leveling products are needed.



FIELDS OF APPLICATION

	min. 2 cm - max 5 cm
ADHERENT SCREEDS	under 3 cm contact: assistenza.tecnica@grascalce.it
FLOATING SCREEDS	min. 4 cm - max 8 cm

WARNINGS

- Operating temperature: from + 5° C to + 35° C.
- Additions to the original compound: to be avoided.
- Recommended use: professional.

STOCKING AND STORING

- It can be stored for up to 6 months in closed and intact packages, in a fresh, dry and covered environment, protected against heavy rain, frost and direct sunlight.
- Do not expose to sunlight for more than 30 days (the package will deteriorate!).
- After removing the polyethylene protection (around and/or above the pallet) protect the packages from the rain.

TECHNICAL DATA

MIXING WATER	about 2 liters per bag
DENSITY (hardened)	2.000 kg/m ³
COMPRESSIVE	28 N/mm ² average production value
THERMAL CONDUCTIVITY	$\lambda = 1,39$ W/mK
FLEXURAL STRENGTH (EN 13892-2)	at 28 days = 5.5 N / mm ²
	at 24 hours ≥ 5 N / mm ²
RESISTANCE TO COMPRESSION (EN 13892-2)	at 7 days ≥ 22 N / mm ²
	at 28 days ≥ 28 N / mm ²
FIRE RESISTANT (UNI EN 13501-1 Table Value)	Classe A1 _{fl}
CAN BE WALKED ON (*)	min. 8-10 hours
DRYING TIMES (*)	
Ceramic floor tiles,	min. 24-48 hours
Wooden, vinyl, rubber, textile, terracotta, natural stone floors	min. 4 days
RESIDUAL HUMIDITY AFTER 4 DAYS (*)	about 2 %
(*) The indicated values are obtained with: 5 cm screeds separated from the base and walls (with folded polyethylene sheets), with a correct water quantity, without concrete spreading or the use of a mechanical trowel, environment with temperature min. 20°C and max. 65-70% humidity (aired or dehumidified rooms).	
CONSUMPTION	about 19 kg/m² for each cm of thickness
PACKAGE	Paper Bags of 25 kg

HAZARDOUS SUBSTANCES

Asbestos (Italian Ministerial Decree 14/05/96 Art. 4 Annex 4): absent

Water-soluble chromium VI (Italian Ministerial Decree 10/05/04): < 2 ppm

Technical data are mean values got from analysis done on several samples of products.

The instructions and warnings set out on this sheet arise from our best experience and product performance refers to laboratory tests carried out in standardised conditions. All this information should be considered as purely indicative since the real site and application conditions of the product may lead to significantly different effects and results. Therefore the user must always check, even through preliminary tests, the suitability of the product with the intended use, undertaking all liability for the use they make. GRAS CALCE Srl reserves the right to make technical changes without prior notice. Check the GRAS CALCE Srl website to ensure the sheet revision is the one currently in force.

EXAMPLES OF APPLICATION



The mixed screed must have a "moist earth" consistency.



Laying the SUPERCEM PRONTO screed.

