

TECHMORTAR R60

CT-C60-F10 according to EN13.813

Pre-dosed mortar, unique on the market thanks to its exceptional mechanical properties for the construction of SCREEDS subjected to very high technical stresses.



Grey

MAIN FEATURES

- Innovative dual-component technical mortar formulation.
- Mortar prepared with high-quality sands with an exact granulometry.
- Compressive strength higher than **60 MPa=600 Kg/cm²**.
- Saves time in the preparation of the mortar: it is only necessary to feed the mixer with water, pre-dosed sand and **TECHMORTAR R60**.
- Normal setting and fast drying.

FIELDS OF APPLICATION

- Interiors and exteriors.
- It guarantees a perfect support in technical placements in industries, dairies, canneries, flour factories, supermarkets, airports...
- Ceramic tile installation after 24 hours.
- Dry screeds after 2 days (**RH<1%**), and suitable for laying parquet, linoleum, carpets...
- Floating screeds or adhered to the substrate.
- Screeds with underfloor heating.
- Not suitable for swimming pools.

HOW TO USE

SUPPORT PREPARATION

- Apply **TECHMORTAR R60** on slabs, mortars, concrete, ceramics,...
- The substrates must be in good conditions, without flaking, cracks, dust,...
- Screeds with a thickness of less than 4 cm:** apply a bonding slurry previously. On ceramic tiles apply **BOND-COAT**. On mortar, mix 1 part **PRIMFIX** with 1 part cement (25 litres of **PRIMFIX** + 1 cement bag of 25 kg). Caution: spread the mortar on the bonding grout while it is still fresh.
- Screeds thicker than 4 cm:** in this case, make a screed that is completely uncoupled from the substrate, previously placing a polyethylene film. Pour the mortar over this film (for swimming pools and saunas, consult us).

PREPARATION OF THE MIXTURE

- Example of mixing: In the 200 litres concrete mixer add: 1 sack of **TECHMORTAR R60** + 4 sacks of **ARENA 0/8** + approx. 10.5 - 11.0 litres of clean water. The resulting mortar should have the consistency of "wet sand". At this point, don't add more water. Mix for 4 or 5 minutes.

APPLICATION OF THE MIXTURE

- Pour the prepared **TECHMORTAR R60** mortar directly onto the still wet grout or on the polyethylene film.
- Level, screed and trowel this mortar as if it were a normal Portland mortar. It is a very docile mortar and easy to treat. The finish achieved with a "helicopter" is ideal, as it leaves the surface completely closed.

COMMENTS TO TAKE INTO ACCOUNT

- Make expansion joints (use **SELLALASTIC** or **SILICONA NEUTRA**).
- When the extension to be screeded is done in phases, we will ensure perfect continuity between phases by priming with **BOND-COAT** or by adding a mesh between the previous phase and the next one.

TECHNICAL DATA

Density in powder	1.04 g/cm ³
Mixing water	10.5 L + 25 kg TECHMORTAR + 120 kg ARENA 0-8
Density of the mixture	1.97 g/cm ³
Temperature of application	from +5°C to +35°C
Pot life	1 hour
Residual damp (+20°C; 60%R.H.)	1.0% (48 hrs) / 0.8% (7days)
Can be walked on after	12 hours
Thickness of layer	1 cm minimum
Resistance to flexion	> 10.0 N/mm ²
Resistance to compression	> 61.9 N/mm ²
Thermal conductivity	1.3 W/m·K
Range of working temperatures	from -30°C to +90°C
Consumption	3.1 kg/m ² ·cm thickness + 14.8 kg ARENA 0-8/m ² ·cm thickness
Estimated expiration	12 months
Presentation	25 kg

