

BETOGROUT C57



DESCRIPTION

Cement-based, quick drying mortar for anchoring metallic structures.

CHARACTERISTICS

- High mechanical resistance
- Does not shrink
- For indoor and outdoor use.
- It offers excellent workability, adhesion, resistance to freezing, strikes and humidity.
- Thanks to its hydraulic connections, special polymers, selected inerts and synthetic fibers, it does not crack.

RECOMMENDATIONS FOR USE

BETOGROUT C57 is suitable for fixations, anchoring, metallic structures, holes sealing, and generally in those places where high resistance and quick work is required.

SURFACE PREPARATION

The substrate should be clean and free of dust or rotten materials; it should be wetted well or be primed with the micromolecular stabilizer BETON CONTACT before its application.

TECHNICAL DATA

Form - Color:	Cement powder - Gray
Toxicity - Flammability (EN 88/379):	No
Specific weight of the dry powder:	1,47 ± 0,05 kg/lt
Specific weight of the mixture:	2,00 ± 0,05 kg/lt
Maximum diameter of grain:	1,5 mm
Water demand:	5.5 liters for 25 kg of powder
Application temperature:	from +5°C up to +35°C
Thermal resistance:	from -30°C up to +80°C
Pot life:	15 minutes
Flexural strength after 28 days according to EN 196-1:	18,00 ± 1,00 N/mm²
Compressive strength according to EN 196-1 after:	
• 48 Hours	32,00 ± 3,00 N/mm²
• 7 days	50,00 ± 2,00 N/mm²
• 28 days	70,00 ± 1,00 N/mm²

APPLICATION

Pour the cement powder into clean water, in a ratio of 25 Kg powder in 5,5 l water and stir them with a low-rotation drill or with a concrete mixer, until you acquire a homogeneous mixture, which is suitable for any type of use. The mixture is workable for 10 minutes; it is applied with a trowel in cases of repairs, or with a pouring machine if the surfaces need a covering material with high mechanical resistance.

STORAGE

12 months if stored in a well-closed packaging, in dry places and at temperatures higher than +10°C.

CONSUMPTION

About 18 Kg/m²/cm thickness layer

PACKAGING

25 Kg paper bags

HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advice immediately and show the contents of the container. Do not dispose the product into drains.

