

Technical data sheet CC/0012



BETOSTUC MONOTECH FONDO



Description

BETOSTUC MONOTECH FONDO is a plaster primer for **Betostuc Monotech (CC/0031)**. The product is single-component based, in powder form, ready to use, with a checked granulometry of up to 0,5 mm.

It is a primer coating substance, quick-drying, suitable for levelling surfaces and creating a rough surface.

BETOSTUC MONOTECH FONDO must be mixed with water to obtain a uniform and fluid paste which is easy to apply with a stainless steel spatula or trowel. The fibres in the product guarantee excellent resistance in the surfaces treated. It can be applied by immersing a fibre-glass net in the paste.

Characteristics

- Appearance : powder
- Apparent density : 1,40+/- 50 kg/dm³
- Density in paste : 1,55+/- 50 kg/dm³
- Granulometry : max 0,5 mm
- Dry residue : 100%
- Adherence after 28 days : 2,1 N/mm²
- Adherence after immersion in water : 0,9 N/mm²
- For internal and external use

Composition

White cement, hydrated air lime, calcium carbonate, quartz powder, soluble powder resins, methylcellulose, fibres and binding additives.

Surfaces

It is used before the application of **Betostuc (CC/0030)** and **Betostuc Monotech (CC/0031)** to eliminate imperfections and level horizontal and/or vertical surfaces : screeds, concrete, cement, tiles, etc. Gives the surface extra resistance encouraging good adhesion. Perfectly stable over time, maintains the permeability of the surface.

Preparation of surfaces

The surface must be clean, dry, without flakes, exempt from salts and humidity and without trace of oils or fatty materials. Allow the new plaster to season for at least 28 days. We recommend a preliminary test. On old or dirty surfaces, remove dust and damaged parts before applying a layer of Isoquarz.

The room temperature must be between a minimum of +5 °C and a maximum of +30 °C.

After having applied Isoquarz, wait 24 hours before applying the first coat.

Preparation of the mixture

Mix by slowly pouring a sack of 25 Kg of BETOSTUC MONOTECH FONDO in about 6 ± 6,5 litres of clean water, continuing to stir with an electric stirrer, until the product is completely mixed.

After having obtained a fluid mixture, allow it to settle for a few minutes and then stir again before applying.

Application

After having applied **Isoquarz** (if flooring is involved we advise soaking and applying a fibre glass net **145 g/mq 4x4, 5 mm** (article code **LM/1180**), wait for it to dry and apply a coat of Betostuc Monotech Fondo.

Apply with brush, trowel or spatula.

The product can be applied in one or more layers, wait for the previous layer to be completely dry before applying the next. After use, clean equipment with water.

Packaging and storage

BETOSTUC MONOTECH FONDO is packed in paper sacks of 25 Kg.

The product stored in sacks maintains its qualities without alteration for a period of 12 months if stored in a dry place and in the original packaging.

Health and safety regulations

Ventilate during application.

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The applications of the product take place without our direct control. The user therefore takes responsibility for any consequence of use. Our technical assistance team is available for any further information that might be required.

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Avoid contact with the skin and eyes, in the case of contact wash immediately and abundantly with water.

Keep out of the reach of children. For further information consult the health and safety sheet.

Disposal

Dispose of the product according to local regulations. The containers must be re-cycled.

Technical data Parameters	Unit of measurement	Values	Ref. norm
Consumption (indicative, depending on the type of surface)	Kg / m ² / mm	1,4 ÷ 1,6	
Recommended thickness	mm	2-3 mm	
Waiting time between one coat and another (at 20°C and 65% UR with a thickness of 1 mm)	hours	24	
Adhesion to cement	N / mm ²	≥ 1,0	UNI EN 1015-12
Absorption of capillary water	Kg /m ² x min 0,5	< 0,2	UNI EN 1015-18
Thermal conductivity	W / m.K	0,39÷0,46	UNI EN 1745
Fire retardancy	Euroclass	F	UNI EN 13501-1

The above results are obtained from laboratory tests (obtained at **T=21°C ± 2°C** e **U.R.=60% ± 10%**) and may vary from results obtained in working environments due to the different conditions of the product, method of application and in particular for the quantity of water exceeding the indicated levels.

Date : 06/06/19

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