



BETOSTUC MONOTECH

Description

BETOSTUC MONOTECH is the result of in-depth research and has been subject to numerous tests with innovative raw materials in order to facilitate its preparation and application.

BETOSTUC MONOTECH is a decorative plaster finish for internal floor surfaces and walls (both internal and external).

It permits a smooth finish with characteristics of good resistance.

Perfectly stable over time, it maintains the permeability of the surface with natural protection against mould and bacteria.

Characteristics

BETOSTUC MONOTECH conforms to UNI EN 13813 norms.

The product has notable advantages :

1. For preparation you simply add water.

2. Easy mixing without forming lumps.

3. Smooth, facilitating application.

4. It can be used for long periods after mixing without drying.

5. Excellent resistance to abrasion and good elasticity.

6. Good water resistance offering excellent permeability to water vapour.

7. Respects the environment, certificate A+.

Composition

White cement, Slaked lime, calcium carbonate, quartz powder, white titanium oxide, dispersible powder resins, methyl cellulose, fibre additives, binding agents.

Surfaces

BETOSTUC MONOTECH should be applied to dry, non flakey surfaces exempt from salts and humidity.

See table below.

Preparation of floor surfaces

After applying **Isoquarz (IS/0255)**

if flooring is involved, it is recommended to apply and soak a fibre-glass mesh of **145 g/mq 4x4,5 mm (LM/1180)**,

Wait for it to dry and apply a coat of

Betostuc Monotech Fondo CC/0012 (see product data sheet)

Level-off imperfections on horizontal and/or

vertical surfaces, underlays, concrete, cellular concrete, bricks, cement blocks, tiles etc.

Betostuc Monotech Fondo gives the surface a stronger resistance, facilitating application. Perfectly stable over time, It maintains the permeability of the surface.

Wait for the surface to dry completely, without any residue of humidity and apply the first coat of **Betostuc Monotech Fondo**.

Colours

BETOSTUC MONOTECH is white. Starting with the base colour, by adding earth pigments, oxides or appropriate colouring pastes, you can obtain various tonalities.

Preparation of the mix

BETOSTUC MONOTECH (bags of 20 Kg) + circa 30 % water, (circa 5 to 6 litres).

Mix the water with the desired pigment (filter the mix, if necessary). Carefully add a bag of 20kg BETOSTUC MONOTECH continuing to stir until the product is completely mixed. After obtaining a fluid mix, allow the mix to settle for some minutes and then stir again before application.

Application

The temperature should be in the range of a minimum of +5 °C and a maximum of +30 °C.

First coat

Consumption : circa 1.200 - 1.500 g/m²
Apply evenly.

(After 24 hours) Second coat

Consumption : circa 600 - 750 g/m²
Apply the second coat when the first coat is dry, making sure that it is applied evenly in such a way that the surface is uniform.

Third coat and polishing

Consumption : circa 200 - 250 g/m²
Proceed with the third coat whilst the second coat is not completely dry, so that the pressure of the stainless steel spatula Allows penetration of the inert minerals in the already applied base.

In the drying phase, proceed with polishing with the steel spatula in order to obtain a smooth effect. The day after applying the product, if necessary, sand with sand paper (from 80 to 150) to obtain an even smoother finish.

Storage

The product can be stored in bags for a period of 12 months without any alteration to its qualities, providing storage is in a dry place and in the original packing.

Health and safety regulations

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

Keep out of the reach of children.

For further information please see the safety sheet.

Disposal

Dispose of the product according to local regulations. Empty containers must be recycled.

Optional protective finishing coats

Nippolin Poly B bicomponent in water phase (matt finish **PL/1245** or gloss - **PL/1244**)

Consumption : circa 8 - 10 m²/lt. Allow surfaces to dry for circa 3 days, then proceed to apply with brush or roller in two stages.

Do not apply at temperatures below + 15 ° or above + 40°C.

Consult the technical data sheet of the product.

or **Easy-Floor** (matt/satin finish

PL/1240 or gloss **PL/1241**), water based with low VOC. Consumption approx

7 - 8 m²/lt. Allow the surface to dry for approx 3 days, then proceed to apply with a brush or roller in two stages. Do not apply with temperature below + 15°C or above + 40°C.

It's possible to finish with one or two coats of **Beeswax and Carnauba wax (CE/0300)**.

See technical data sheet of the product.

Beeswax and Carnauba wax (gloss finish)

Consumption : circa 10 - 14 m²/lt.

Allow the surface to dry for at least 3 days, then proceed to apply the wax with a steel spatula and apply uniformly. Before completely dry, Polish with cotton cloth. Consult data sheet.

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any legal responsibility. The application of the product takes place without our direct supervision, the user therefore takes all responsibility for any consequences of use. Our technical support team is available for any further information that might be required.



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Surfaces for application (floors)

Surfaces for application	Preliminary treatment
Surfaces that are hydraulically dry, non flakey, exempt from salts and humidity	A coat of Isoquarz and a coat of Betostuc Monotech Fondo
Surfaces that are hydraulically dry, non flakey, exempt from salts and humidity that present irregularity in the surface.	A coat of Isoquarz and a coat of Betostuc Monotech Fondo

Surfaces for application (walls)

Surfaces for application	Preliminary treatment
Plaster	A coat of Isoquarz
Existing paint	A coat of Isoquarz
Smooth cement	A coat of Isoquarz

Technical data

Appearance	Matt or satin
Packing	Paper sacks of 20 kg
Tools required for application	Stainless steel spatula
Tools required for applying light colours	Plastic spatula
Theoretical consumption	2,00 ÷ 2,50 Kg/m ² for three coats
Thickness of coat	2,00 ÷ 2,50 Kg/m ² for three coats
Surface drying time	24 hours at 20° room temperature
In-depth drying time	72 hours at 20° room temperature
Complete carbonation	180 days
Second coat	24 hours with a room temperature of 20°C
Permeability to vapour (Sd)	good

28/01/2019

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