**Description**

BETOSTUC is a decorative plaster finish for floors (internal use) and walls (internal and external use). It is obtained by mixing a powder (Betostuc – sacks of 25 Kg) a liquid resin (**Isoacril 33 IS/0240** – cans of 4,2 litres) and approx. 3,8 litres of pure water. It permits a smooth finish with characteristics of good resistance.

**Characteristics**

Perfectly stable over time, it maintains the permeability of the surface and gives a natural protection against the attack of moulds and bacteria.

**Composition**

White cement, hydrated lime, calcium carbonate, quarz powder, white titanium oxide, methylcellulose, fibres and binding agents.

**Surfaces**

BETOSTUC should be applied on surfaces that are dry, non-flakey and exempt of salts and humidity.

See table below.

**Preparation of surfaces**

After having applied the primer **Isoquarz IS/0255**, wait 24 hours before applying the first coat.

**Preparation of mixture**

Mix about 3,8 litres of pure water with the dose of required pigment (filter the mixture, if necessary). Add 4,2 litres of **Isoacril 33** and mix. Pour slowly the contents of a 25 kg sack of BETOSTUC continuing to stir, until the product is completely mixed. After obtaining a fluid mixture, allow to rest for a few minutes before application.

**Application**

Room temperature should be between a minimum of +5 °C and a maximum of +30 °C.

**First coat**

1.200 - 1.500 g/m²

Apply in an even manner.

**(After 24 hours) Second coat**
Consumption: about 600 - 750 g/m²

Apply the second coat when the first coat is dry, ensuring a uniform application, pressing and smoothing correctly until a smooth surface without lumps is obtained.

**Third coat and polishing**

Consumption : about 200 - 250 g/m²

Proceed *wet on wet* when the second coat is still not completely dry in such a way that the pressure of the steel spatula allows the penetration of the inert mineral elements in the coat already applied.

In the drying phase, proceed with smoothing with a steel spatula to obtain a smooth finish. The day following application, if necessary, dry sanding can be done (using sand paper of80 to 150) to obtain an even smoother surface.

**Colours**

BETOSTUC is white. From the base colour, by adding earth colours, oxides or appropriate coloured pastes, it is possible to obtain a variety of colours.

**Choice of protective finish**

**Nippolin Poly B** bi-component in liquid form (matt finish **PL/1245** or gloss **PL/1244)**

Consumption : about 8 -10 m²/ l.

Allow the surface to dry for about 3 days, proceed with application with either brush or roller in two coats. Do not apply at temperatures below + 15°C or above + 35°C.

Consult the technical data sheet of the product.

**Easy-Floor (**finish matt-satin **PL/1240** or gloss **PL/1241)**  water-based with low VOC.

Consumption : about 7 - 8 m²/ l.

Allow the surface to dry for about 3 days, proceed with application with either brush or roller in two coats. Do not apply at temperatures below + 15°C or above + 35°C.

It is possible to apply one or two coats of beeswax and carnauba wax.

Consult the technical data sheet of the product.

**Beeswax and Canauba wax (CE/0300)** gloss finish.

Consumption : about 10 – 14 m²/ l.

Allow the surface to dry for about 3 days, proceed with the application of the wax using a steel spatula, ensuring an even application. Before completely dry, polish with a cotton cloth to obtain a gloss effect.

Consult the technical data sheet of the product.

**Conservation**

The product stored in sacks perfectly maintains its qualities for a period of 12 months if stored in a dry place in the original packaging.

**Health and safety regulations**

Ventilate during application.

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

Keep out of the reach of children.

As regards the evaluation of toxicological data, please see the safety data sheet.

**Disposal**

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

**Note**

Dolci colori srl reserves the right to modify this data sheet without prior notice.

**Surface of application (floor)**

|  |  |
| --- | --- |
| **Surface of application** | **Preliminary treatment** |
| Hydraulically dry surface, non flakey, exempt of salts and humidity | A coat of **Isoquarz**  |
| Hydraulically dry surface, non flakey, exempt of salts and humidity that present surface level irregularity. | A coat of **Isoquarz** and a coat of **Betostuc Monotech Fondo** |

**Surface of application (wall)**

|  |  |
| --- | --- |
| **Surface of application** | **Preliminary treatment** |
| Plaster | A coat of **Isoquarz** |
| Existing paint | A coat of **Isoquarz** |
| Smoothed cement | A coat of **Isoquarz** |

**Technical characteristics**

|  |  |
| --- | --- |
| Appearance  | Matt or satin |
| packaging | Paper sacks of 25 kg |
| Tools for the application of light colours  | Stainless steel spatula |
| Tools for the application of light (dark) colours | Plastic spatula |
| Theoretical consumption | 2,00 ÷ 2,50 Kg/m² for three coats |
| Thickness of coat | 2,00 ÷ 4,00 mm for three coats |
| Surface drying | 24 hours with room temperature 20°C |
| In-depth drying | 72 hours with room temperature 20°C |
| Complete carbonation | 180 days |
| Second coat | 24 hours with room temperature 20°C |
| Permeability to vapour (Sd) | good  |

Date : 11/11/19