

BETON KA+KB



BETON TECHNICAL SHEET (KA+KB).

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TECHNICAL FEATURES:

Two-component powder primer for interiors and exteriors, with high adhesion, fiber-reinforced, transpiring, white in color. It is characterized by high adhesiveness towards materials normally used in construction, excellent workability, ease of application, high smoothness and thixotropy.

COMPOSITION AND USES:

BETON KA+KB is a mortar based on carbonate aggregates and quartz sands with controlled granulometry, powdered polymeric binders, specific additives and short synthetic fibers. The simultaneous presence of mineral and polymeric binders, inorganic fillers and reinforcing fibers develops a positive synergy that increases the mechanical properties of the product.

FIND EMPLOYMENT AS:

- Regularization and preparation of walls and floors before applying CEMENTO 3D and MarmUra;
- Direct smoothing on horizontal and vertical surfaces such as; tiles, marble, cementitious plasters, in bastard mortar and in concrete;
- Even if BETON KA+KB is fiber-reinforced, it is always recommended to use a 70/80 gr/m² glass fiber mesh on damaged surfaces and with the risk of cracks;
- Smoothing of walls and floors with plastic coatings or synthetic paints as long as they are consistent and well anchored;

Do not apply on gypsum-based plasters without preliminary treatment with Primer NK, inconsistent surfaces, substrates subject to rising damp. Do not use to even out substrates with irregularities greater than 4 mm. After application and complete curing, it constitutes the ideal support for finishing CEMENTO 3D and MarmUra.

PREPARATION OF SUBSTRATES AND APPLICATION:

The substrates must be clean, stable, anchored, free from oils, greases, waxes, crumbly and inconsistent parts. Brush and remove any processing residues. Old decorative coatings that are not perfectly adherent must be removed. In the case of porous absorbent surfaces it is advisable to moisten them in advance with water and wait for the surface water to disappear before proceeding with the application of BETON KA+KB. Mix 12 Kg BETON KA with 3.5/4 liters of BETON KB using a low speed mechanical stirrer until the mixture is completely homogenized. Before proceeding with the application of the product, leave to rest for at least five minutes and mix again. Spread the smoothing compound on the surfaces by means of a 3 mm toothed stainless trowel for about one square meter and immediately afterwards lightly squeeze the product so as to level the surface and eliminate the lines created by the toothed trowel. Allow to dry for at least 24 hours before applying 3D Cement and / or MarmUra.

**TECHNICAL DATA:**

Appearance: Powder;

White color;

Solid residue: 100%;

Coverage: ~ 10 m² with a thickness of about 2 mm in a single coat, using the glass fiber mesh greater than 70/80 gr/m² the coverage can be reduced by up to 30%;

Duration of the mix: About 3 hours depending on the period and relative humidity;

Waiting time before finishing 3D CEMENT and / or MarmUra: Min. 24 hours;

Grain size G.F.: Max 0.5 mm;

Mineralogical nature of the aggregate: Silicon/carbonate;

Consistency: Thixotropic;

Density of the mix: 1,500 kg/m³;

Packaging: Comp. KA of Kg. 12 + Comp. KB of It 5

Storage in well-closed original packaging and in a dry place between + 5°C and + 30°C.

Cod. UFI: 0800-F0JY-8000-N9G7

CHARACTERISTICS OF INSTALLATION:

Temperature of use: +5 +35 ° C;

Recommended application for indoors and outdoors;

Apply on dry and clean substrates; Cover windows, doors, etc.;

Do not apply on wet or frozen substrates or on restorations that are still damp;

Store in a cool, dry place away from the sun;

Do not apply in the presence of beating sun, strong wind or rain;

In the case of surfaces that are too hot due to the effect of the sun's rays, it is advisable to moisten them with water;

Wait for the curing of the cementitious smoothing before decorating;

It is important that during application and in the following 24 hours the temperature does not drop below +5° C and the relative humidity does not exceed 80%;

The data contained in these technical sheets refer to laboratory tests. The indicated indications and methods may be subject to changes over time according to possible improvements in production technologies. The application of the products takes place beyond our control as we cannot directly intervene on the conditions of the construction sites and on the execution of the works. All indications are of a general nature, they do not bind our company in any way and therefore the responsibility falls exclusively on the customer. A preventive test of the product is recommended in order to verify its suitability for the intended use. Our technical service is available to provide additional information.