

BOSTON

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DESCRIPTION

Final coating bi-component epoxy enamel which may be diluted with water, easy to apply, for universal use. It allows coatings with an attractive aesthetic finish and high chemical and mechanical resistance to be obtained.

It has high adhesive and filling power, the applied film is anti-absorbent, dustproof and resistant to mould and bacteria. Particularly suitable in closed, for poorly ventilated areas.

USES

It can be applied as a finishing coat on concrete and masonry walls and flooring and as a finishing on roller- finished or pitted surfaces. It is especially recommended for hospitals, schools, barracks, prisons, kitchens, food factories, launderettes, garages, bars, and especially for dairies, oil plants, pasta factories, etc.

PREPARING THE SURFACE

Remove all traces of dust and ensure the total absence of saltpetre and humidity, also thoroughly eliminate grease, stains, paint and any other type of pollutant. Any deteriorated areas must be repaired.

Painted iron: Clean the surface thoroughly, sand and eliminate all flaking material, prime any bare metal areas with appropriate products such as LUBENS ANTIRUGGINE TOP.

New smooth or semi-finished surfaces: allow at least 4 weeks of seasoning. Before application, check for water absorbing capability that may be compromised by the presence of hydrophobic substances such as oil, silicones, waxes or heavy hydrocarbons sometimes used when casting. In this case, slightly roughen the surface by blasting-sanding-roughening; then wash with acid detergent and rinse with hot water under pressure, finally eliminating the water with a drying machine. Make sure the surface is dry and that there is no rising damp. Apply BOSTON PRIMER diluted max 5-10% with water.

Old surfaces: in the case of concrete contaminated by oil, adhesives or old flaking paint, rust, efflorescence, mildew and other foreign materials; blast to remove dust and apply BOSTON PRIMER diluted with max 5-10% water.

Old and crumbling or powdery surfaces: remove dust and, if necessary, apply a consolidating treatment with EPOFIX or prime with BOSTON PRIMER diluted with up to 30-40% water.

Tiled surfaces: as anchor, apply BOSTON PRIMER diluted up to 5% with water, after drying, level the grouting with BOSTUK and sand down if necessary.

Marble surfaces: Sand until the surface has matted completely so as to make it porous, then apply BOSTON PRIMER diluted with max 5% water.

APPLICATION

Apply, with a brush, roller or spatula, one or two coats of BOSTON as it is, or at maximum, diluted with 10% of water. Before applying the product, mix thoroughly until uniform in colour and consistency, then pour the contents of the thickener, previously mixed, into the container base, and mix with an electric drill until completely blended. It is recommended to scrape the sides of the container so that the mixing is uniform, if necessary, transfer the mixture into a clean container and continue to stir for a few minutes.

Mix 100 parts (in weight) of component A with 100 parts (in weight) of component B.

If the mixing or the dosing of the base and thickener are not correctly executed, it will affect the hardening and the final physical and chemical characteristics.

After mixing the base and thickener, before applying let the two components react for at least 10 minutes.

The mixture thus prepared has a service life of 60-90 minutes; after this period it is still usable, but you can obtain more opaque and less resistant films, therefore, it is not recommended to apply a catalysed product.

Apply with an ambient temperature between 10°C and 30°C and less than 75% humidity.

Do not apply in direct sunlight. After application, exterior surfaces must be protected from rain until perfectly dry, which normally, at 20 ° C, occurs after approximately 24 hours. Apply the second coat after 18-24 hours.

For an excellent and durable finish it is essential to complete any cycle with BOSTON FINITURA.

DILUTION

Ready to use up, or at maximum diluted 10% by weight with water.

TECHNICAL DATA

PRODUCT	Finishing based on epoxy resins and polyamine adduct
SPECIFIC WEIGHT	1.000 ± 0.050 kg/l.
VISCOSITY	500 ± 50 Brookfield cPs at 23°C (base+thickener)
GLOSS	Gloss (60 °): 65±5
COLOUR	White and RAL colours
THICKNESS RECOMMENDED	60-80 dry microns per coat
NUMBER OF COATS RECOMMENDED	1-2 coats 24 hours apart
RE-COATING	Unlimited
CATALYSIS RATIO	Component A 100 parts - component B 100 parts in weight
POT LIFE at 23°C	60-90 minutes
APPLICATION METHOD	Brush, roller, spatula

THEORETICAL YIELD:

3÷4 sqm /l with 1 layer for application with spatula
5÷6 sqm /l with 2 layers for application with brush and roller

DRYING TIME (at 23 ° C)

Tack	3 hours
Touch dry	12 hours
Deep dry	24 hours
Maximum chemical resistance	7 days

CLEAN TOOLS

With water immediately after use.

STORAGE

Keep away from heat, in a cool and ventilated place, protected from chills.

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