

Boston Primer

Description

Opaque 2-component epoxy primer, water-dilutable, for general use. Based on technologically advanced resins, it is characterized by high adhesion on various substrates and short curing times which allow to speed up the application process. The *pot life* is clearly perceived, as the product suddenly and sharply changes its consistency thus revealing it shall not be applied anymore. Suitable for vertical and horizontal substrates, it is characterized by excellent levelling which, once fully cured, provides a highly uniform layer. With a satin finish.

Uses

It can be applied on concrete walls and floors, as well as on metal, ceramic and glass. Particularly suitable for hospitals, schools, military stations, prisons, kitchens, food industries, laundries, garages, bars, and especially dairies, oil mills, pasta factories, et cetera.

Surface preparation

Remove any trace of dust from the substrate and ensure no saltpetre is present. Thoroughly remove any grease or oil stain and any other contamination. Decayed areas must be repaired.

Painted steel: accurately clean the surface, sandpaper and remove poorly adhering parts. Inhibit rust, if present, using a rust converter. Allow the applied products to perfectly cure.

New smooth/sleek concrete surfaces: allow new concrete to season for at least 4 weeks. Before application, test for surface wetting which could be impaired by the presence of water-repellent substances such as oil, silicone, wax or heavy hydrocarbons likely to be used during concrete casting. Lightly coarsen the surface by steel-blasting, sand-blasting or cold grinding, then wash with acid detergent, rinse with pressurized hot water and dry off. Ensure the substrate is not affected by capillary humidity.

Old surfaces: if the concrete is contaminated with oil, adhesives, old poorly-adhering paints, rust, efflorescence, mould or any other contamination, steel-blast the surface and remove residual dust. If surface consolidation is required, apply 1 coat of SOLVEX (overdiluted, up to 70-80%) or EPOFIX (diluted as per Technical Data Sheet instructions).

Marble or tiled surfaces: lightly coarsen the surface with a steel brush. Cleanse the surface in order to remove possible contamination.

Application

Apply BOSTON PRIMER by brush, roller or squeegee, undiluted or diluted with max. 50% of water. Do not exceed the recommended dilution. Before application, accurately mix the product until uniform colour and consistency are obtained, then pour the content of the hardener

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(previously stirred) into the container of the base and mix with an electric drill at low r.p.m. until a homogeneous mixture is obtained.

Do not apply on substrates whose temperature is higher than 35°C or lower than 5°C in order to ensure proper catalysis.

Do not catalyse the product if the environmental temperature is higher than 40°C, otherwise pot-life may significantly shorten.

Application on surfaces with temperatures below 10°C is not recommended.

Dilution

Ready to use, add max. 5% of water (by weight).

Cleaning tools

With water, immediately after use.

Storage

24 months in sealed container, away from sources of heat, in a cool and ventilated place, repaired from frost.

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Technical data

PRODUCT	2-components epoxy primer
SPECIFIC WEIGHT	component A = $1,55 \pm 0,20$ kg/l component B = $1,00 \pm 0,10$ kg/l component A+B = $1,25 \pm 0,20$ kg/l
VISCOSITY	500 ± 50 cP Brookfield at 23°C (A+B)
GLOSS	25 ± 5 g.u. (60°)
COLOUR	White
RECOMMENDED THICKNESS	60-80 dry μ m for each coat
RECOMMENDED COATS	1-2 coats spaced out by 6 hours
RECOAT	Unlimited
CATALYSIS RATIO	Component A 60 parts – component B 40 parts (by weight)
POT LIFE (23°C)	45 minutes
APPLICATION METHOD	Brush, roller, squeegee
THEORETICAL YIELD	3-4 m ² /l for each coat for squeegee applications 5-6 m ² /l for each coat for brush or roller applications
DUST-FREE TIME	2 hours
TOUCH-DRY (23°C)	4 hours
DEEP-DRY (23°C)	24 hours
MAXIMUM CHEMICAL RESISTANCE	After 7 days

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