

BOSTON PRIMER

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DESCRIPTION

A two-component epoxy primer, water-dilutable, easy to apply, for universal use with high chemical and mechanical resistance. With high adhesive and filling capacity, the film applied is anti-absorbent, dust-proof and resistant to mould and bacteria. Particularly suitable in closed, poorly ventilated areas. It is the fundamental product to implement an application cycle based on epoxy products, as it guarantees the success of the same by uniforming the substrate morphologically and amplifying the adhesion of subsequent products.

USES

It can be applied as an adhesion primer on concrete and masonry walls and floors, terracotta, stoneware and tiles in general.

SURFACE PREPARATION

To obtain best results it is essential to always observe the rules for a thorough cleaning of the surface to be re coated. Remove all traces of dust from the surface and ensure the total absence of saltpetre and humidity, also thoroughly eliminate any grease, oily stains, paint and any other type of contaminant. Any degraded areas must be repaired.

New iron: Sand to SA level or brush, and dust off to remove all traces of calamine. Degrease with DILUENTE N and dry. Apply BOSTON PRIMER.

Already varnished iron: Brush all traces of rust thoroughly, inconsistent or powdery old paint must be totally removed by brushing or chemical pickling. Old paint which is still in good condition should be cleaned, degreased, sanded or brushed and dusted thoroughly.

In the case of very rusty surfaces it is advisable to apply a coat of rust converter. The use of the rust converter, even on substrates that are only a little rusty, provides a more qualitative coating. For bare metal areas with remove stains with BOSTON PRIMER.

New wood: Clean thoroughly and sand, apply a first coat of BOSTON PRIMER. After drying, sand the wood shavings.

Old wood: Sand well and remove loose parts. Proceed as for new wood.

Tiled surfaces: Clean the surface, sand and remove all loose parts. Apply BOSTON PRIMER diluted with max 5% water. If necessary, level the joints with BOSTUK.

For glossy tiles it is recommended to lightly sand the surface to roughen it and make it more porous.

Marble surfaces: Sand until surface is matte to make it porous. Then apply BOSTON PRIMER diluted with water up to 5%.

New surfaces, smooth or partially finished: Allow at least four weeks before treating. Before application check the wettability which can be compromised by the presence of hydrophobic substances such as oil, silicones, waxes or heavy hydrocarbons sometimes used in the cast. In this case, slightly roughen the surface by blasting-sanding-scarifying; then carry out a washing with acid detergent, then rinse with hot water under pressure and dry using drying machine. Make sure the

surface is dry and free of rising damp. Apply BOSTON PRIMER diluted with max 5-10% water. If it is necessary to fill with BOSTUK, the hand of BOSTON PRIMER must be applied before and after filling.

Old surfaces: If the concrete is contaminated by oily residues or old flaking paintwork, rust, efflorescence, mould or other contaminants, perform a pining operation, remove the dust and if necessary apply a consolidating treatment EPOFIX or prime with BOSTON PRIMER diluted at 5-10% with water. If filling is necessary with BOSTUK, the hand of BOSTON PRIMER must be applied before and after filling.

Old and crumbling surfaces: remove the dust and if necessary apply a treatment EPOFIX or prime with BOSTON PRIMER also diluted at 30-40% with water.

APPLICATION

Apply BOSTON PRIMER with a brush or roller as it is or diluted with up to 10% of water for low absorbent substrates, increase water dilution up to 30% water for more absorbing substrates. Before applying the product, mix thoroughly until uniform in colour and consistency, then pour the contents of the hardener, 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 hardener are not correctly executed, it will affect the hardening and the final physical and chemical characteristics.

After mixing between the base and hardener, before application, allow the reaction between the two components to evolve 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 relative humidity below 75%.

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

DILUTION

5- 30% by weight with water according to the absorption of the support.

TECHNICAL DATA

PRODUCT	Primer based on epoxy resins and polyamine adduct
SPECIFIC WEIGHT	1.100 ± 0.050 Kg/L
VISCOSITY	250 ± 25 Brookfield cPs at 23 °C (base+hardener)
GLOSS	Matt
COLOUR	White
RECOMMENDED THICKNESSES	30-40 dry microns per coat

NUMBER OF COATS RECOMMENDED	1 coat
RE-COATING	From 24 hours to 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
THEORETICAL YIELD	9 ÷ 10 sq.m/L with 1 layer
DRYING at 23 °C	
dust-free time	2-3 hours
touch dry	12 hours
deep dry	24 hours

TOOL CLEANING

Clean with water immediately after use.

STORAGE

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

The above technical knowledge regarding the application and the proper use of the products does not mean ALCAS ITALIA s.r.l. assumption of responsibility for the use and application of the products. Because of the unpredictable variability of operating conditions, the APPLICATOR must verify the use of the product under their own conditions with direct evidence. We reserve the right to change the contents of this document without prior notice. As soon as a new version of this data sheet is available, it will no longer be valid.