

Boston

Description

Epoxy 2-component top-coat enamel paint, water-dilutable, easy to apply, for general use. It allows to realise paintworks characterized by a pleasant aesthetical appearance and a considerable chemical and mechanical resistance.

It has a high adhesive and fillig power. The applied film is non-absorbent, anti-dust and resistant to mould and bacteria. Particularly indicated for closed and poorly-ventilated environments.

Uses

It can be applied on concrete/masonry walls and floorings and on coarse plastic coating. Particularly suitable for hospitals, schools, military stations, prisons, kitchens, food industries, laundries, garages, bars, and especially for dairies, oil mills, pasta factories, et cetera.

Surface preparation

Remove any trace of dust from the substrate and ensure that no saltpetre nor dampness are present; also thoroughly remove any trace of grease/oil, varnish and any other type of pollutant. Decaying areas must be restored.

Painted steel: properly clean the surface, sandpaper and remove flaking parts; prime uncoated spots with suitable products, such as LUBENS ANTIRUGGINE TOP.

New smoothed or trowelled surfaces: allow at least 4 weeks for concrete curing. Before proceeding with the application, test for surface wettability, which could be compromised by the presence of hydrophobic substances such as oil, silicones, waxes or heavy hydrocarbons likely to be employed during concrete pouring. In this case, 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 that the surface is perfectly dry and not affected by rising dampness. Apply BOSTON PRIMER diluted with 5-10% of water.

Old surfaces: if the concrete is contaminated with oil, adhesives, old flaking paints, rust, efflorescences, mould or any other pollutant, steel-blast the surface, remove dust and apply BOSTON PRIMER diluted with max. 5-10% of water.

Old chalking surfaces: remove dust and, if necessary, treat with consolidating primer EPOFIX or, alternatively, prime with BOSTON PRIMER diluted with 30-40% of water.

Tiled surfaces: for best adhesion, prime with BOSTON PRIMER diluted with max. 5% of water; once cured, level off grout lines with BOSTUK and sandpaper if necessary.

Marble surfaces: sandpaper until the surfaces becomes matt, so as to make it porous; then, apply BOSTON PRIMER diluted with max. 5% of water.

Alcas Italia srl

head office
via A. Moro, 29
81031 Aversa (CE)
PI 03613710619
SDI 5RU082D

production plant
Zona Asi Aversa Nord
81032 Carinaro (CE)
T +39 081 502 6184
info@alcasitalia.it | www.alcasitalia.it

Certified organization



Quality management
systems
UNI EN ISO 9001:2015

Certified organization



Environmental management
systems
UNI EN ISO 14001:2015

Application

Apply by brush or roller 1-2 coats of BOSTON, undiluted or diluted with max. 10% of water. Before applying, accurately mix the product until uniform colour and consistency are obtained; then, pour the content of the hardener (previously stirred) into the container of the base and mix with an electric drill at low r.p.m. until completely blent. It is advisable to scrape the inside of the container so that a homogeneous blend is obtained; if necessary, pour the admixture in a clean container and keep stirring for a few minutes.

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

Poor mixing and weighing of base and hardener may impair curing and final chemical-physical properties.

After mixing base and hardener, allow the reaction between the components to activate for at least 10 minutes before applying.

The prepared mixture has a working time of 60-90 minutes; later than that, the product is still employable, although a matter, less resistant film will be obtained. It is therefore advised not to use the product once catalysis has taken place. Apply at environmental temperatures between 10°C and 30°C and with relative humidity lower than 75%.

Avoid application on surfaces directly exposed to sun. Protect the treated surface from rain until complete cure which normally, at 20°C, takes place after ca. 24 hours. Apply a 2nd coat of product after 18-24 hours.

For an optimal, resistant finish, it is essential to complete the paintwork with BOSTON FINITURA.

Dilution

Ready to use. Add max. 10% (by weight) of water.

Cleaning tools

With water immediately after use.

Storage

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

Alcas Italia srl

head office
via A. Moro, 29
81031 Aversa (CE)
PI 03613710619
SDI 5RU082D

production plant
Zona Asi Aversa Nord
81032 Carinaro (CE)
T +39 081 502 6184
info@alcasitalia.it | www.alcasitalia.it

Certified organization



Quality management
systems
UNI EN ISO 9001:2015

Certified organization



Environmental management
systems
UNI EN ISO 14001:2015

Technical data

PRODUCT	Top-coat finish based on epoxy resins and polyamine catalyst
SPECIFIC WEIGHT	1,000 ± 0,050 kg/l
VISCOSITY	500 ± 50 cP Brookfield at 23°C (base + hardener)
GLOSS	65±5 g.u. (60°)
COLOUR	White, RAL colours
RECOMMENDED THICKNESS	60-80 dry µm for each coat
RECOMMENDED COATS	1-2 coats spaced out by 24 hours
CATALYSIS RATIO	Component A 100 parts – component B 100 parts (by weight)
POT LIFE AT 23°C	60-90 minutes
APPLICATION METHOD	Brush, roller
THEORETICAL YIELD	5-6 m ² /l for 2 coats
DUST-FREE TIME	3 hours
TOUCH-DRY (23°C)	12 hours
DEEP-DRY (23°C)	24 hours
MAXIMUM CHEMICAL RESISTANCE	After 7 days

REV 1/2023

The aforementioned technical notions regarding the application and correct use of the product do not imply liability of Alcas Italia S.r.l. for use and application of the products themselves. Due to the unpredictable variability of application conditions, the USER must verify with direct tests the suitability of the product for each peculiar use. We reserve the right to modify the content of this document, without notification. As soon as a new version of these technical data sheet becomes available, this one won't be valid any longer.

Alcas Italia srl

head office
via A. Moro, 29
81031 Aversa (CE)
PI 03613710619
SDI 5RU082D

production plant
Zona Asi Aversa Nord
81032 Carinaro (CE)
T +39 081 502 6184
info@alcasitalia.it | www.alcasitalia.it

Certified organization



Quality management
systems
UNI EN ISO 9001:2015

Certified organization



Environmental management
systems
UNI EN ISO 14001:2015