

EPOX GLASS AS UV

DATA SHEET

DESCRIPTION

Transparent bi-component epoxy system solvent and water free, to be catalysed with cycloaliphatic hardener.

The product, thanks to its low viscosity, is self-levelling, of rapid hardening, with strong liquid-proofing qualities.

EPOX GLASS AS UV RESIN-COLOR can be pigmented with glittering products, solvent-based colouring pastes, oxides, glitters, pearlescent pigments, metallic pigments, etc.

The product has been specially formulated with UV chemical filters of last generation that block ultraviolet rays thus limiting, at the molecular level, the process of oxidation of free radicals (responsible for the yellowing of the resin).

USES

EPOX GLASS AS UV RESIN-COLOR is used with success as a thickness finishing (from 1 to 5 mm) of decorative floors as well as for artworks (paintings, sculptures), in costume jewelry, (earrings, bracelets, necklaces) and for applications on wood furniture (tables, pieces of furniture, kitchen counters, bathrooms) and in accessories in general.

Given its epoxy nature the external use is not recommended since it tends to crumble if directly exposed to ultraviolet rays.

PREPARATION

Surfaces must be solid and free of dust, wax, dirt, oil and other pollutants. Cement substrates must be properly seasoned and perfectly isolated with the help of PRIMER IDRO RESIN-COLOR.

APPLICATION

1. Mix accurately with a drill provided with a shaker at low number of turns until obtaining a homogeneous product: 100 parts of component A with 50 parts of component B, making sure, above all, that you dislodge the material from both the bottom and the walls of the can.
2. For a better esthetical result it is necessary to saturate the bottom with a plastic spatula whit EPOX GLASS AS UV RESIN-COLOR
3. The product shall be poured on the support to be covered and accompanied with a spatula for a better and quicker laying. It is possible to repeat the pouring operation on layers previously poured, (not less than 1mm per pouring) thus obtaining pleasant three-dimensional effects.

NB. Each layer shall be applied when the underlying layer is perfectly dry.

Do not use in presence of humidity, apply on dry surfaces and in environments with temperatures above 18°C.

Avoid, if possible, applying during very humid days and take into account that during the evening hours humidity tends to increase; prefer the hours of morning and early afternoon. (If used in proximity to sources of direct sunlight, hide the windows during the laying for a minimum of 2-3 days).

Always apply the resin against the light (towards the window or the lamp) to verify the homogeneity and the good levelling. If necessary it is possible to vaporize with the spray the diluent REMOVE BUBBLES RESIN-COLOR in the areas that present micro-bubbles.

The hardened surface appears as lucid and shining, however it shows a light tendency to get opaque due to the abrasion caused by the pedestrian passage.

It is advisable to use the maintainer CLEANING SERVICE RESIN-COLOR and, periodically, CERAGLOS RESIN-COLOR to protect the surface and increase its resistance to scratch.

TECHNICAL FEATURES

PRODUCT	NATURE OF THE BINDER -- CATALYST	epoxy resin- cycloaliphatic amine
	DRY RESIDUE (A+B)	100%
	BULK DENSITY	1090 +/- 10 gr/lt
	LIMIT VALUE COV	(CatA/j) Max 140 gr/lt
	PACKAGES (A+B)	kg 1,5 kg 7,5 kg 15
APPLICATION	APPLICATION	Inox spatula
	RATIO CATALYSIS -- USE DURATION (POT LIFE)	100 parts A + 50 parts B -- around 30 min. (25°C)
	APPLICATION TEMPERATURE	+ 18°C
	DESICCATION TO THE TOUCH (20°C. 70% HUMIDITY)	around 12 h
	COMPLETE DRYING	around 36 h - 48 h
	OVERAPPLICATION 2°COAT	around 12 h – 24 h
	EQUIPMENT CLEANING	Acetone / alcool
	DILUTION	-
	TEORIC YIELD PER COAT	1,1 kg /mq /mm
Nb. The values of desiccation are indicative since depend on the thickness applied and the conditions of temperature and humidity.		

SPECIFICATIONS

The surfaces shall be solid and free of dust, waxes, dirt, oils and other polluting materials. The cement supports shall be appropriately aged and perfectly isolated through the use of the PRIMER IDRO RESIN-COLOR.

Apply per pouring around 3mm of EPOX GLASS AS UV RESIN-COLOR Bi-component transparent self-levelling epoxy resin obtaining a shining surface.

All shall be realized in the respect of the laws of application with a cost of per m² including material and tiling.

WARNINGS

Wear suitable gloves. May cause sensitization by skin contact. Avoid contact with eyes and skin. Keep out of the reach of children. Do not empty into drains. Keep it as provided, away from sources of heat and frost (store at temperatures above 5 ° C). For handling, storage, fire prevention, disposal and transport, require MSDS.

The **RESIN-COLOR snc** guarantees that the information herein is provided to the best of its experience and its technical knowledge, but we assume no responsibility for the results obtained using these products, as application conditions are out of its control. We recommend that you always check the suitability of the product to each specific instance.

This supersedes all previous editions.