

## DESCRIPTION

Anticorrosion and bonding primer for two-part epoxy coatings for all types of metallic surfaces, glass, ceramic, polyester, concrete, etc.

Offers excellent adhesion to cement plaster, concrete, galvanised steel, carbon steel, stainless steel, aluminium, copper and light alloys as well as glass, ceramic, etc. Maximum hardness and resistance to abrasion, chemical products and aggressive environments.

## USES

Bonding primer for surfaces difficult to paint. Especially suitable for the protection of installations with high demands for resistance to aggressive environments.

## COMPOSITION

Binder:	Epoxy resins
Catalyst:	An adduct of aliphatic polyamine
Pigments & Extenders:	Organic and inorganic pigments of maximum resistance, non toxic anticorrosion pigments, magnesium silicate and barium sulphate
Additives:	Dispersants, air release additives and stabilising agents
Solvent:	Hydrocarbons, aromatics and esters.

## TECHNICAL CHARACTERISTICS

Component A		A+B	
Finish:	Semi-matt	Viscosity:	75 ± 5 K.U.
Colour:	White	Density:	1.45 ± 0.05 kg/l
Viscosity:	80 ± 5 K.U.	Weight solids:	68 ± 1%
Density:	1.6 ± 0.1 kg/l	Maximum V.O.C. 2010:	500 g/l
Weight solids:	76 ± 1%	V.O.C. Product Level:	500 g/l
		Dust dry:	45 minutes
		Dry without tackiness:	4 hrs
		Hard dry:	6-8 hrs
		Totally cured:	7 days
		Recoat:	Min. 18 hrs, max. 48 hrs
		Spreading rate:	7-9 m <sup>2</sup> /l

Testing conditions:

Viscosity: Krebs at 25°C.

Drying time: at 25°C & 65% relative humidity (depends on the surface, temperature and ambient humidity / according to surface type and absorption).

Spreading rate: 30-40 µm (depending on surface roughness and absorption).

## APPLICATION

### Mixture composition:

	WEIGHT	VOLUME
BASE (A)	4	4
CATALYST (B)	1	1.5

- Stir well, both the base (A) and the catalyst (B).
- Mix the base and catalyst (A+B) together well, stirring until a totally unified mixture is achieved. Allow an induction period of 20-30 minutes then stir again. Pot life at 20°C 8 hrs. Pot life at 40°C 2 hrs.
- Ambient and surface temperature should not be less than 10°C or more than 40°C and the ambient humidity less than 85%.
- The surface should have a temperature above dew point.
- Solvent: Epoxy.
- Can be applied with brush, roller, airless spray gun and spray gun.
- Dilution: brush/roller: 0-10%; airless spray gun: 0-5%; spray gun: 10-20%.

## SURFACE PREPARATION

### New or unpainted surfaces

- The surface should be clean and dry, free of dust and moisture and without traces of grease, oils, etc.
- Iron or steel: sandblast the surface (grade SA 21/2) or carry out a careful manual cleaning and degreasing.
- Galvanised steel or light alloys: carefully degrease with an alkaline solution or with an epoxy solvent. Sanding may also be necessary before painting.
- Glass, ceramic, etc.: Clean well with Epoxy solvent

## PREVIOUSLY PAINTED SURFACES

- Eliminate all areas of rust and all traces of dirt, grease, dust, etc.
- Eliminate all the existing paint that is in bad condition and apply the product as indicated for new surfaces.

## STORAGE AND TYPE OF CONTAINER

- The shelf life of the product in its original unopened container at ambient temperatures of no more than 35°C is one year.
- Supplied in printed metal containers of Base (A) 1 kg, 4kg and 12 kg and catalyst (B) 0.250 kg, 1 kg and 3 kg.

**IMPORTANT INFORMATION AND SAFETY PRECAUTIONS**

Flammable. Consult Safety Data Sheet. The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since ARTLUX EUROPA cannot know all of the uses to which its products may be put or the conditions of use, it makes no warranties concerning the fitness or suitability of this products for particular use or purpose. Users should thoroughly test any proposed used of the ARTLUX EUROPA products and independently conclude satisfactory performance in the application. Likewise, if the manner in which the product is used requires governmental approval or clearance, the user must obtain approval.

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*Note: The information collected in this TDS may be modified based of possible variations in the formulations and in any case correspond to the current state of our knowledge and is given in good faith, yet without warranties about the final results since these depend highly on the working conditions, which are beyond our reach. This data does not exempt from performing the appropriate suitability tests of the product for every particular project. The present technical data sheet replaces any other TDS regarding this product with a previous date.*

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