

NATURE AND USE

Two component epoxy coating formulated to prime concrete substrates. The product can be over-coated and submitted to maintenance painting for at least 12 months after its application without need of any mechanical preparation of the substrate.

Note: Like all materials of the same nature and type also Stopcem polymerized film, when exposed in air in external ambient, due to the action of atmospheric agents (sun, rain etcetera), may undergo colour changing with chalking and tarnishing. These phenomena are only aesthetic ones and do not indicate a loss of the corrosion protection property from the coating as the characteristic of the film is not altered.

The products complies with ENEL Dco (P16) Specification

TECHNICAL DATA



Type of Binder:	Epoxy - Polyamide
Specific Gravity A+B	kg/l 1,40 ± 0,05 @ +20° C
Solids by Weight:	% 72 ± 2 % A+B
Solids by Volume:	% 56 ± 2 % A+B
Mixing Ratio by Weight:	90 parts of Base / 10 parts of Hardener
**Pot life @ +20°C:	≥ 6 hours
Max. Continuous Service T°C:	+70/+80 (in air, dry conditions)
Colour:	Ivory A+B Other colours on request

SUBSTRATE PREPARATION

Concrete, concrete structures in general : The concrete must be fully cured, about 28 days for ordinary Portland cement and fully dried, with an internal moisture lower than 4%. Important to check the internal absence of actions generated by water presence due to capillarity and water creeks.

Apply only on a dried and seasoned substrate free from residuals of grease, oil and other contaminants, brushed and accurately de-dusted. In some cases it can be necessary to impregnate the pores of the concrete surface with suitable product: contact our Technical Department on the subject.

When applied in closed areas, provide a suitable ventilation during application and drying.

PRODUCT PREPARATION :

Stir the product individual component, base and hardener in each original supply can to reach homogenization. Mix the components in the right mixing ratio and agitate the mix for 5 minutes to reach complete homogenization of the mix, then pour into the dedicated tank of the application/spraying equipment. Let the mix rest for 5 minutes before starting the application.

** The "POT LIFE" time of two components products (time within which it is possible to apply the paint mix of Base and Hardener), is exponentially dropped by the increase of product temperature.

Note: The use of a mix of paint (Base + Hardener) over the POT LIFE time is irreparably compromising all the properties of the coating film.**

APPLICATION DETAILS

Application Method:	Standard Airless Spray with compression ratio 45:1 minimum Conventional Spray Roller, Brush
Thinning:	% 0 to 10%
Thinner:	Epohinner
Cleaning:	Epohinner

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The content of the present technical data sheet is the most complete currently available, based on practical experience and given in good faith. Should any change be necessary, the present data sheet will be updated without prior notice. The applying conditions of use differ according to environmental conditions and subjective application factors outside the control of the Company. The user shall determine the suitability of the product for the intended use under his own risk and responsibility. No warranty is impressed or implied. The Company refuses all liability not directly related with defects of the product or consequent to deviations from written instructions.



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Company with quality management system UNI EN ISO 9001:2015 certified

Hardening @ +25°C:	Touch dry 4 – 6 hours Through dry after 18-24 hours
Overcoating interval @ +20°C:	Min. after 18 hours / Max. 12 months
Application Ambient Temperature:	Between +5°C and +35°C
Suggested Temperature of the product:	+20 ÷ +30°C
Substrate Temperature:	+5 / +40°C always at least +3/5°C above dew point
Relative Humidity:	≤ 85%
Theoretical spreading rate:	sqm/l 11,0 -12,0 per coat at the thickness of 50 µm dry (DFT)
Thickness:	Min. 50 µm / Max 100 µm dry (DFT)

More info by writing to sales@industribrunostoppapaints.com or by calling +39 030 9745116

HANDLING STORAGE AND SAFETY PRECAUTIONS

Warning: All handling and/or use activities of the material and its components must strictly refer to the given indications in the Safety Data Sheet (Base and Hardener). The following advices are stated by common sense and in good faith, they are uncompleted and do not substitute the content of each specific safety data sheet of the product.

Handling: The material must be used only by professional and qualified applicators suitably trained. All the operations involving the use of the product, must be carried on in compliance with all the relevant National Health, Safety & Environmental standards and regulations.

Precautions: When the product is used in enclosed areas (rooms, containers, vessels, etc.) it is imperative to use adequate means providing the necessary air circulation, to be granted during the whole application and coating polymerization time, also to avoid conditions open to potential explosion danger.

All electrical installations must always be grounded. Where explosion hazards exist, the workmen should be required to use only non-ferrous tools and wear conductive non-sparking shoes and clothing. Explosion and flame-proof equipment too are required.

Storage and transport: Keep far from flames, sparks or heat sources. Do not leave exposed under direct solar action. Store under shelter in original unopened packaging, in cool, dry and ventilated areas, at temperatures between +5°C and +35°C.

Shelf life: **Base** 12 months in the suggested storage conditions (original unopened packaging)
Hardener 12 months in the suggested storage conditions (original unopened packaging)

N.B.: Product for professional use only
and exclusively for the uses not regulated under CE Directive 2004/42/CE.

Refer to Material Safety Data Sheet



Access catalogues, data sheets and company presentations

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