

### NATURE AND USE

STOP-INT is an epoxy polyamine coating formulated as intermediate in anticorrosion coating systems to operate in very aggressive environments. Used as Tie-coat on inorganic zinc rich coatings (inorganic type) as well as on epoxy coatings. The very special anticorrosive pigments and the particular Zinc salts in its formulation result in highly performing protection from oxidation. The product can be over-coated and subjected to maintenance painting during at least 18 months from the completion of application with no need of mechanical preparation of the surface to coat.

The product complies with ENEL Dco (P19) Specification.

### TECHNICAL DATA



Type of Binder:	Epoxy - Polyamine
Specific Gravity A+B	kg/l 1,44 ± 0,05 @ +20°C
Solids by Weight:	% 77 ± 2 % A+B
Solids by Volume:	% 63 ± 2 % A+B
Mixing Ratio by Weight:	90 parts of Base / 10 parts of Hardener
**Pot life @ +20°C:	≥ 4 hours
Max continuous Service Temperature °C	+70/+80°C in air, dry conditions
Colour:	Ivory

### SUBSTRATE PREPARATION

**All Types :** Free from oil, grease and any contaminant residual. Conveniently abraded and treated with suitable Primer.

### PRODUCT PREPARATION

Stir the product individual component, base and hardener in the original supply can to reach homogenization. Mix the components in the right mixing ratio and agitate the mix for 5 minutes to homogenize completely 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 – 5%
Thinner:	Epohinner
Cleaning:	Epohinner
Hardening @ +25°C:	Touch dry 4-6 hours Through dry 8 -10 hours Full curing and Max. resistance properties are reached after 7 days
Overcoating @ +20°C:	Min. 18 hours / Max. 18 Months After 48-72 hours perform a light sandpapering It can be over-coated with any kind of two component coating

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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

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/kg 8,5 - 9,5 per coat at the thickness of 50 µm dry (DFT)
Thickness:	Min. 40 µm - 130/150 µm dry (DFT) Max.

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### 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