

STOPCOAT 305

Code: Base 59087 – Hardener 59057

NATURE AND USE Epoxy-polyamide product, which can be recoated within 3 months from its application. Designed as primer with good adhesion on light alloys, galvanized steel and hot galvanized sheet, it is particularly suggested for initial anticorrosion coating systems in aggressive environment. Generally in white colour, Stopcoat 305 can also be employed as intermediate coat or as Tie coat in coating systems.

SUBSTRATE

PREPARATION Steel: n blast cleaning to SA 2,5 minimum according to ISO 8501/1. Roughness profile 40-70 µm

TECHNICAL DATA

Protection from corrosion:	The application of one single coat provides a good protection to the substrate.
Abrasion:	Good resistance to abrasion and to mechanical damage.
Adhesion:	Excellent on substrates duly prepared.
Resistances:	Acid solutions not suggested
	Alkaline solutions Good
	Sea water Good
	Deionised water Not suggested
	Marine atmosphere Good
	Industrial atmosphere Good
	Petrochemical atmosphere Good

APPLICATION

DETAILS

Mixing ratio (by weight):	90 parts Base - 10 parts Hardener
Mixing ratio (by volume):	84 parts Base - 16 parts Hardener
Shelf life:	Max. 18 months in the sealed original cans under cover (Minimum temperature +5°C / Max. +40°C)
Mixing method:	Stir thoroughly Base and Hardener. Add slowly, always stirring, the hardener to the base. Go on stirring until a complete homogenization of the components is obtained. (Follow the same procedure also in case of thinning).
Conditions for application:	Minimum temperature of the substrate +5 °C /max. +40°C. Application temperature +3°C over the dew point. Temperature of the product +20°C min. Relative humidity 0 / 85 %
Thinning (Epothinner):	0 / 10 %
Suggested thickness:	50 µm dry film thickness (wet film thickness about 85 µm) Min. 30 / Max. 100 µm dft
Method:	Application by airless pump with compression ratio minimum 45:1 Nozzle 0.015 - 0.021 inches - Pressure 170 - 250 Kg/cm2. Brush / Roller
Theoretical spreading rate:	12 m ² ./l – 8 m ² /Kg at the suggested thickness
Theoretical consumption:	125 g/ m ²
Drying at +25°C:	Touch dry 2 / 3 h. / Handling 18 / 24 h
Over-coating (+25°C)	18 / 24 h. (after 48-72 h we recommend a light sandpapering).
Solids Content by volume:	58 ± 2 %
Solids Content by weight:	74 ± 2 %
Specific gravity (average mixed):	1.45 ± 0.05
Pot life at +20°C:	≥ 6 h
Conditioning :	Can 22,50 kg Base / 2,5 Kg Hardener

HANDLING

STORAGE

AND SAFETY

PRECAUTIONS

- 1) Provide a suitable ventilation during the use.
- 2) Avoid skin contact using gloves, protective creams and masks.
- 3) Should the product come in contact with the skin, wash immediately with warm water and soap; if eyes are affected rinse with water and consult a doctor immediately. **Refer to Material Safety Data Sheet.**

MTDS 04012/1

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

INDUSTRIE BRUNO STOPPANI R.P.S. S.r.l. - Sede Legale Via Creta 72 25124 BRESCIA

Sede Operativa : Via Industriale 119 25020 Capriano del Colle Bs , TEL.0039 0309745116 r.a. FAX 0039 030 9745383

Mail: sales@industribrunostoppaipaints.com sales@ibspaints.com www.industribrunostoppaipaints.com

Azienda con sistema di gestione qualità UNI EN ISO 9001:2008 certificato da Certiquality - Certificato Nro 2134



The content of the present technical data sheet is the most complete currently available. It is based on practical experience and is 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 our control of the Company. The user shall determine the suitability of the products for the intended use. On request more detailed recommendations are available from the Company. No warranty is impressed or implied.
The Company refuses all liability not directly related with defects of the product or when differing from written instructions