

STOPCOAT 71

Zinc Rich Two component Epoxy Primer

NATURE AND USE : STOPCOAT 71 is a galvanizing, epoxy polyamide product, zinc powder rich – **Organic Type** - in the dry film. Studied to function as primer for several anticorrosion coating systems operating in severe environmental conditions, this product is **recommended when the service temperature resistance is required**. Suitable to coat steel substrates, sandblasted at the degree SA 2.5 -SA 3 according to ISO 8501/1, (Refer to roughness profile indicated in the paragraph "Substrate preparation") or for touch-up painting (A< 0,15 m² each.) after sandpapering at the degree St3 – ISO 8501/1 in coating systems to protect structures generally in **Atmospheric Service Conditions and also in Submerged Service Conditions**.

Thanks to its rich zinc content (organic type), its corrosion protection function is highly performing on pipelines, wharfs, steel marine structures and all other constructions operating in areas exposed to severe conditions (cathodic protection) Important to avoid the coating application in critical conditions of humidity and temperature. The Substrate must always be correctly prepared.

TECHNICAL DATA

Specific gravity A+B:	kg/l	2.7 ± 0,1
Solids by weight:	%	87 ± 2 (A+B)
Solids by volume	%	59 ± 2 (A+B)
Mixing ratio by weight:		90 parts of Base 10 parts of Hardener
Pot-life (at +20°C):		≥ 6 h
Colour		Grey
Temperature Resistance (in air – dry conditions)		Continuous :+ 150 °C ; Occasional + 200°C

SUBSTRATE PREPARATION **Steel :** The surface must be cleaned to eliminate possible traces of dirt or salt residuals. The substrate must be free from all residuals of oils, grease and any contaminant . Sandblasting is recommended at minimum and fully degreased to eliminate all traces of dirty or salty residual. The substrate must be free from oils, greases and other contaminants. Sandblasting is recommended at degree SA 2.5 minimum according to ISO 8501-1(with medium roughness profile 40-70 µm. Rz DIN (cut-off 2,5 mm) or (for touch-up painting A< 0,15 m² each) sandpapering at the degree St3 – ISO 8501/1.

PRODUCT PREPARATION Mix Separately each component in the original can as supplied. Mix respecting the mixing ratio Base and Hardener agitating the mix for 5 minutes to reach complete homogenization. Then pour into the dedicated tank of the application equipment. Let the mix rest for 5 minutes before starting the application.

APPLICATIONS DATA

Application :	Brush, roller (only touch - up painting), Conventional spray, Airless
Suggested humidity:	not over 85 %
Thinner :	Epothinner
Thinning :	0-10% with Epothinner, according to the application method.
Tools cleaning :	Epothinner
Drying at + 25°C:	Touch dry =120 min.; Through dry =24 h Recoat Interval : min.24 h
Application temperature:	Min. +8°C / max. +40°C
Suggested product temperature :	+25°C /+30°C
Substrate temperature :	from +5°C up to +40°C (always over +3/+ 5°C from the dew point.)
Relative humidity:	<85 %
Thickness :	Min. 50 µm - 100 µm Max
Typical film Thickness dft :	50 µm per coat (wet about 85 µm)
Theoretical spreading rate:	4,0 – 5,0 m ² /Kg at the thickness of 50 µm dry.

HANDLING STORAGE AND SAFETY. PRECAUTIONS

Handling :	Use individual protection means: gloves, glasses and mask.
Storage :	Store at ambient temperature (min. +5°C / max +40°C) in the original Containers perfectly sealed. Keep far from flames, sparks and heat sources .
Shelf-life:	12 months in the original sealed can, duly stored.
Safety precautions:	Flammable. Use only in well ventilated places. Refer to Material Safety Data Sheet.

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

MTDS 04012 /1

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@industri brunostoppainipaints.com sales@ibspaints.com www.industri brunostoppainipaints.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