

STOPFEN EP

One component epoxy-vinyl phenol primer

NATURE AND USE

Fast drying paint based on Epoxy Vinyl Phenol resins, studied as undercoat for the protection of sanded or not sanded steel substrates, including joints, flanges, pile works, pipes, generic metal structural works etc. in initial coating systems with one, two component products or combined systems, to protect from corrosion. Very performing adhesion of the product on Steel, Aluminium and Galvanized steel. Stopfen EP, once fully cured, forms a film providing good resistance to oxidation forming on the metal, thanks to its special anti-corrosion pigments content of the formulation.

Applicable also on works /structures operating in marine ambient and or in nautical world for particulars of boats.

The higher is the thickness of the coat applied, the higher is the protection of the substrate (*).

TECHNICAL DATA



Type of Binder:	Epoxy-Vinyl Phenol
Specific Gravity:	Kg/l 1,15 – 1,25 @ +20°C
Solids by Weight:	% 38 ± 2%
Solids by Volume:	% 20 ± 2%
(*)Dry film thickness per coat:	20/ 30 µm dry per coat (max DFT)
Colour:	Black
Appearance of the applied product	Matt

SUBSTRATE PREPARATION

All type of substrates: All surfaces must be suitably clean and free from residuals of dirty, grease and every contaminant to avoid to compromise the adhesion of Stopfen EP to the substrate to be protected.

Steel: Perform possibly Sandblasting at SA 2,5 minimum according to ISO 8501/1, roughness profile RZ DIN 20-30 µm. When sandblasting is not possible, remove any traces of rust and calamine using mechanical brush or abrading disc. Accurately remove all dust using compressed and dehumidified air. As soon as the preparation is finished, immediately apply Stopfen EP.

Other metal Alloys and Galvanized Steel: Possibly roughen with mechanical brush or abrading disc. Accurately remove all dust using compressed and dehumidified air. As soon as the preparation is finished, immediately apply Stopfen EP.

We suggest a previous adhesion test according to ISO 2409 to check the suitability of the substrate to coat using Stopfen EP.

PRODUCT PREPARATION

Mix the product before use and after thinning if performed.

APPLICATION DETAILS

Application Method:	Standard Airless Spray with compression ratio 30:1 minimum Conventional spray Roller and Brush only on small areas
Thinner:	NA23 (without chlorinated solvents)
Thinning:	0-40% Different thinning may be required in function of substrate absorption and of required thickness

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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

Cleaning:	Thinner NA23
Drying @ +25°C:	Dust dry 10-15 minutes Touch dry 30-45 minutes Through dry 24-36 hours
Overcoating interval @ +20°C:	After 1-2 hours
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%
Typical thickness per coat:	~ 20 µm dry (DFT) ~ 100 µm wet (WFT)
Theoretical spreading rate:	sqm/kg 8,5 per coat at the thickness of 20 µm DFT

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

**HANDLING
STORAGE AND
SAFETY
PRECAUTIONS**

Warning: All handling and/or use activities of the product must strictly refer to the given indications in the Safety Data Sheet. The following advices are suggested by the common sense and in good faith, they are uncompleted and do not substitute the content of the 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 inside enclosed areas (i.e rooms, containers, vessels) it is imperative to provide the necessary air circulation using adequate means and must be granted during the whole time required by application and coating polymerization, 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 imperative.

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

Shelf life: 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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