

ACRILSTOP PRIMER

Two component acrylic primer

NATURE AND USE

Two component acryl-polyurethane primer formulated with special active pigments to allow its direct use on steel, galvanized steel, aluminium substrates etc.

The application of **Acrilstop Primer**, performed following the instructions given in the present TDS, provides a combination of technical characteristics summarized in the longevity of the coating exposed to different exercise conditions together with good corrosion protection quality.

GENERAL PROPERTIES

Protection from corrosion:	The application of a single coat provides a good protection to steel substrates
Abrasion:	Good resistance to abrasion and mechanical damages
Adhesion:	Excellent on duly prepared substrates
Resistances:	
Industrial/ petrochemical atmosphere	Excellent
Marine atmosphere	Excellent
Water and sea water	Good*
Chemical agents mildly aggressive (oils, naphtha, acid and basic aqueous solutions, etc...)	Good*
Temperature resistance (dry air):	+ 80 °C (+70 °C in continuous)

(*) Fumes, vapors, sprays.

TECHNICAL DATA

Specific Gravity A+B	Kg/l	1,40 ± 0,05 @ +20°C
Solids by Weight:	%	66 ± 3 % A+B
Solids by Volume:	%	46 ± 2 % A+B
Mixing Ratio by Weight:		100 parts of Base / 15 parts of Hardener
**Pot life @ +20°C:		6 – 8 hours
Colour		Grey/ Other colours on request
Appearance of applied product:		Matt



SUBSTRATE PREPARATION

All types of substrates: All surfaces must be free from residual of greases and contaminants. After roughening, perform accurate dust removal. Verify that the substrates to coat are always completely free from traces of humidity.

Steel: Sandblasting at grade SA 2,5 according to ISO 8501/1 with minimum roughness profile Rz DIN 30 – 60 µm. When sandblasting is not possible, the substrate should be dry, degreased, perfectly cleaned and free from rust or calamine, mechanically abraded at the minimum grade ST3 according to ISO 8501/1.

Steel already coated: All detaching or not well anchored parts of old paint must be mechanically stripped as well as all rust scraped off. Roughen well the surface to treat to reach the proper adherence between paint and substrate. Eliminate all dust and other residuals from the above operations.

Note: We suggest to always verify in any case and preliminarily the compatibility between old paint and the new one to be applied.

New galvanized steel: Dry, fully degreased and lightly roughened (or pickled or seasoned).

Aluminium: Dry, degreased and lightly abraded or chemically treated

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

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PRODUCT PREPARATION

Homogenize the Base and the Hardener separately in their original containers. Mix Base and Hardener in the right proportions, stirring the obtained mix for 5 minutes until a complete homogenization is reached. Pour the mix in the spray equipment tank. Let it rest for 5 minutes more 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:	Standard Airless Spray with compression ratio 45:1 minimum Conventional spray Roller, Brush
Thinner:	Thinner PUR 11
Thinning:	Brush, Roller and Spray 0-15% Different thinning may be necessary according to the absorption of the substrate and to the required thickness
Cleaning:	Diluyente PUR 11
Hardening @ +25°C:	Touch dry 2-3 hours Through dry after 7 - 12 hours according to the applied dry film thickness (DFT) The complete curing and the maximum resistance performance is achieved after 7 days at +25°C.
Overcoating @ +20°C:	Min. 7-12 hours Max. unlimited
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:	≤ 80%
Thickness:	Min. 50 µm - 150 µm Max. dry film thickness (DFT)
Theoretical spreading rate:	sqm/l 6,0–7,0 per coat at the thickness of 70 µm dry (DFT)

More info by writing to sales@industri brunostoppa nipa nts.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.

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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 6 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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