

NATURE AND USE

One-component solvent based protective coating, semi-glossy appearance of exceptional adhesion for universal uses on different metallic substrates such as steel, galvanized steel, aluminium, concrete. It is perfectly resistant to water, acids and also diluted alkali, as well as to the most aggressive industrial and marine atmospheres, it is unsaponifiable.

The product requires no primer, shortening the time spent for coating application, while its barrier effect and the oxidation blockage on metals makes it the best for roofing, hangars, structural works, etc.

TECHNICAL DATA



Type of Binder:	Acrylic resins and Vinyl copolymers
Appearance:	Liquid
Specific Gravity:	Kg/l 1,100 – 1,200 according to colours @ +20°C
Solids by Weight:	% 51 ± 3%
Solids by Volume:	% 36 ± 3%
Colour /Appearance of the applied product:	RAL, Semi- Glossy

SUBSTRATE PREPARATION

Steel: Blast cleaning to SA 2,5 according to ISO 8501/1 with minimum roughness profile RZ Din 40-50 µm. When blasting is not possible, the substrate must be dry, degreased and perfectly cleaned from rust and mill scales and mechanically roughened up in shiny metal.

Apply 2 coats of Stopcoat 525 with the interval of 24 hours between each coat.

New galvanized steel: Perfectly clean, dry and degreased, then apply 2 coats of Stopcoat 525 with the interval of 24 hours between each coat.

Steel and Galvanized steel previously coated: Old paints not perfectly tied must be mechanically removed. Apply then two coats of Stopcoat 525, recoat interval 24 hours.

PRODUCT PREPARATION

Homogenize the Base and the Hardener in the original containers before using it.

APPLICATION DETAILS

Application method:	Standard Airless Spray compression ratio 30:1 minimum Conventional Spray Roller, Brush
Thinning:	% Brush/roller/spray 0 - 15 (Thinner PUR 11)
Cleaning:	Thinner PUR 11
Drying @ 20°C:	Dust dry 30-60 minutes
Overcoating interval @ +20°C:	Minimum 24 hours – Maximum 48 hours (after 48-72 hours a light sandpapering is always suggested)
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%

STOPCOAT 525

One-component primer/finish semi glossy appearance, one pass only

Thickness : 40 - 50 µm dry per coat (DFT)
Theoretical spreading rate: sqm/kg 6 / 7 per coat at a thickness of 50 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 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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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