

STOPCOAT 500

Synthetic enamel, glossy or satin effect

NATURE AND USE

All-purposes synthetic enamel applicable by both brush and spray, formulated with glycerol-phthalic resins for a good resistance and gloss. Applicable on wood and iron substrates provided that are previously treated with proper impregnating agents, undercoats and rust preventers.

TECHNICAL DATA



Type of Binder:	Alkyd
Appearance:	Thick Liquid
Specific Gravity:	Kg/l 0,95 – 1,2 @ +20 °C
Solids by Weight:	% 65 ± 5%
Solids by Volume:	% 56 ± 3%
Colour:	RAL
Appearance of the applied product:	Glossy or Satin effect

SUBSTRATE PREPARATION

New Steel: When it is not possible to sandblast, remove all traces of rust and mill scale with mechanical wire brush or abrading disk. Remove dust and brushing residuals, clean the substrate with a cloth soaked in Thinner SINT77 or Thinner SINT209. After preparation of the substrate, apply immediately 1 coat of rust preventer and then a second coat. Apply 2 coats of Stopcoat 500 overcoating interval of 24 hours between each coat.

Iron previously coated: Scrape off the flaking paint, remove rust by mechanic wire brush or abrasive disk and sand the substrate with medium-grained abrasive paper (280-320). Remove dust and brushing residuals and clean the substrate with a cloth soaked in Thinner SINT77.

Apply immediately 1 coat of rust preventer on the parts brought to bare iron and then, apply a second coat on the whole substrate. Apply 2 coats of Stopcoat 500 recoat interval 24 hours between each coat.

New wood: On dry, clean and seasoned wood, apply a first coat of impregnating agent for wood to protect it from mould and woodworms attacks (let dry for 4 days). If necessary fill the imperfections with suitable wood putty, and after 24 hours sand the substrate.

Apply 1 coat of Synthetic undercoat checking its compatibility with the system in use and let dry for 24 hours. Finally apply 2 coats of Stopcoat 500 (overcoating interval 24 hours between each coat), as finishing coat.

Wood previously coated: Scrape off the flaking paint and sand the substrate with medium-grained abrasive paper (280-320). Remove sanding residuals. Then follow the same procedure as for new wood applying one coat of synthetic and compatible undercoat, then let it dry for 24 hours. Apply two finishing coats of Stopcoat 500 (recoat interval 24 hours).

APPLICATION DETAILS

Application Method:	Brush Roller Conventional Spray Standard Airless compression ratio 30:1 minimum
Thinner:	Thinner SINT277 for brush and roller Thinner SINT209 for spray

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

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Thinning:	%	5-25 depending on the application method
Cleaning:		Thinner SINT 277 or Thinner SINT209
Drying @ +25°C:		Dust dry 3-4 hours
Overcoating interval @ +20°C:		Minimum 18 / Maximum 36 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%
Film Thickness per coat:		40 µm dry (DFT) Minimum 30 µm / Maximum 50 µm dry (DFT)
Theoretical spreading rate:	sqm/l	13-15 at a dry film thickness of 40 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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