

# STOPCOAT 625 HS

Two-component acryl urethane glossy enamel

## NATURE AND USE

Two component, acryl urethane, non-yellowing, product, providing excellent fullness and brightness, Surface elasticity, hardness and resistance even in particularly aggressive industrial atmospheres. The product provides excellent adhesion on various substrates such as: steel, aluminium, plastic, Fiberglas, wood, etc ... , previously treated with suitable primers and undercoats. It can be used for the coating of industrial equipment, industrial bodies, Fiberglas substrates, etc ....

## TECHNICAL DATA



Type of Binder:		Acrylic Aliphatic urethane non yellowing
Specific Gravity A+B:	kg/l	1,10 ± 0,10 @ +20°C
Solids by Weight:	%	70 ± 3 % A+B
Solids by Volume:	%	60 ± 4 % A+B
Mixing Ratio by Weight:		100 parts of Base / 50 parts of Hardener
**Pot life @ +20°C:		≥ 4 hours
Colour:		RAL Colours
Appearance:		Glossy

## SUBSTRATE PREPARATION

**Steel:** On substrate blast cleaned to SA 2,5 apply one coat of epoxy undercoat or of primer with zinc. After 24 hours apply a second coat of epoxy intermediate and then complete with 1-2 coats of Stopcoat 625 HS enamel, recoat interval 24 hours between each coat.

**Aluminium, Light alloys, Hot Galvanized Steel:** Remove the oxidized superficial coat by mechanic brush or grinding disk. Remove dust and brushing residuals, degrease the substrate with Epothinner and apply 1 coat of STOPCOAT 305 or EPOXY PRIMER 938 or other suitable Primer. Finish with the application of 1-2 coats of Stopcoat 625 HS, recoat interval 24 hours between each coat.

**Substrates already coated:** Verify the compatibility with the underlying material, perform very accurate cleaning of the substrate and removal of any contaminant. The substrate shall be perfectly dry and free from any traces of humidity.

**Other substrates:** Cleaned, adequately prepared and treated with suitable primer.

## PRODUCT PREPARATION

Separately stir each component carefully. While the Hardener (component B) is added to the Base (component A) continue mixing to reach the complete homogenization.

Let the mix rest for 5 minutes before starting the application. The indicated time can increase or decrease depending on the type of equipment in use for 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 method:	Standard Airless Spray compression ratio 30:1 minimum Conventional Spray Roller Brush only small areas
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Company with quality management system UNI EN ISO 9001:2015 certified

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Two-component acryl urethane glossy enamel

Thinner:		Thinner PUR11
Thinning:		ready for use
	%	0-10 Maximum if necessary
Cleaning:		Thinner PUR11
Hardening @ +25°C:		Dust dry 45-90 minutes
Overcoating interval @ +20°C:		Minimum 24 / 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:		≤ 80%
Film Thickness per coat:		Minimum 30 µm / Maximum 80 µm dry (DFT)
Theoretical spreading rate:	sqm/Kg	11 at a dry film thickness of 50 µm (DFT)

More info by writing to [sales@industri brunostoppa nipa nts.com](mailto: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.

**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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