

STOPCOAT 620

Two component non yellowing polyurethane glossy or satin effect enamel

NATURE AND USE Two-component non yellowing polyurethane product, providing excellent elasticity, surface hardness and resistance also in industrial atmospheres particularly aggressive. The product provides an excellent adhesion on several substrates such as iron, aluminium, plastic, Fiberglas, wood, etc previously treated with appropriate primers and undercoats. Stopcoat 620 is recommended also for the coating of industrial equipments, industrial bodies, Fiberglas structures, PVC or ABS parts etc.

TECHNICAL DATA	Type of binder:	Polyurethane
	Appearance:	glossy or satin effect
	Colour:	RAL
	Mixing ratio Base / Hardener:	100 parts Sol A with 50 parts Sol B by weight
	Specific gravity (mix A+B): Kg/l	1,05 - 1,30 Kg/l (according to the required colour)
	Solids content Mix A+B by Weight %	70 ± 2 %
	Pot life of the mix (+20°C):	≥ 4 h

COATING SYSTEM

Iron: On substrate correctly prepared apply one coat of epoxy undercoat (See MTDS of each product) After 24 h apply 1 or 2 coats of Two component polyurethane enamel, recoat interval 12-24 h between each coat.

Aluminium and light alloys: Remove the oxidized superficial coat by mechanic brush or grinding disk. Remove dust and brushing residuals, degrease the substrate with Epthinner and apply 1 coat of STOPCOAT 305 or Epoxy Primer 938/E. After 24 h apply 1 or 2 coats of Two component polyurethane enamel, recoat interval 12-24 h between each coat.

Other substrates : Clean, duly prepared and treated with suitable primer

PREPARATION

OF THE PRODUCT

Mix separately the two components in their original supply can. Mix the two components in the right mixing proportion and agitate the mix 5 minutes until a complete homogenization is reached. Then pour into the dedicated can of the application equipment, let the mix rest for 10 minutes before starting the application.

APPLICATION DETAILS

Application:	Brush, conventional spray, airless
Thinner:	THINNER PUR11
Thinning: %	5-10 for brush 5-20 for spray
Tools cleaning:	THINNER PUR11
Drying (at 25°C):	dust dry 4 – 6 h; through dry about 36 – 48 h
Recoat interval (+25°C):	Min 18 / Max 36 h
Temperature of the product:	+20 ÷ +30°C
Suggested temperature during application:	+5 ÷ +40°C
Temperature of the substrate:	+5 / +40°C however more than + 3/5°C over the dew point
Relative Humidity %	max 80
Film thickness:	Min. 30 µm / Max 60 µm
Theoretical spreading rate m ² /l	11,0 – 12,0 at a dry film thickness of 50 µm.

HANDLING STORAGE AND SAFETY PRECAUTIONS

Handling	Use individual protection means: gloves glasses and mask
Storage	Keep in dry and ventilated places at a temperature included between min. +5°C / max. +40°C in the original sealed containers. Keep far from flame, sparks, heat sources.
Shelf-life:	Base 12 months - Hardener 6 months if correctly preserved.
Safety precautions	Flammable. Use only in a well ventilated place. Refer to Material Safety Data Sheet

Product for professional use only and exclusively for the uses not regulated under CE Directive 2004/42/CE.

MTDS 04012/1

INDUSTRIE BRUNO STOPPANI R.P.S. S.r.l. - Sede Legale Via Creta 72 25124 BRESCIA

Sede Operativa : Via Industriale 119 25020 Capriano del Colle Bs , TEL.0039 0309745116 r.a. FAX 0039 030 9745383

Mail: sales@industriebrunostoppaipaints.com sales@ibspaints.com www.industriebrunostoppaipaints.com

Azienda con sistema di gestione qualità UNI EN ISO 9001:2008 certificato da Certiquality - Certificato Nro 2134



The content of the present technical data sheet is the most complete currently available. It is based on practical experience and is 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 our control of the Company. The user shall determine the suitability of the products for the intended use. On request more detailed recommendations are available from the Company. No warranty is impressed or implied. The Company refuses all liability not directly related with defects of the product or when differing from written instructions