STOPCOAT 625

Two component acrylic-polyurethane glossy enamel

Code: Base: 31990/RAL colours on demand + Hardener 31991

NATURE AND USE *Two component, acrylic polyurethane aliphatic, non-yellowing, product, providing excellent elasticity, gloss, surface hardness and resistance even in particularly aggressive industrial atmospheres. The product provides good adhesion on various substrates such as: iron, aluminium, plastic, Fiberglas, wood, etc … , previously treated with suitable primers and undercoats. It can be used for the coating of industrial equipments, industrial bodies, Fiberglas substrates, etc ….*

TECHNICAL DATA

Type of binder:		*Acrylic – polyurethane aliphatic non yellowing*
Appearance:		*glossy*
Specific gravity:	*Kg/l*	*1,250 +/- 0,10*
Solids by weight :	*%*	*61 - 67*
Solids by volume:	*%*	*46 - 52*
Packing:	*Kg*	*25 (Sol. A+B)*
Appearance applied product:		*glossy*
Colour:		*RAL colours or colours on request*
Mixing ratio base / hardener (by Weight):		*75 pp. Comp. A + 25 pp. Comp. B (leave the mix to stand for 10 minutes before using).*
Pot life of the mix (+20°C):		*≥ 4 h*

SUBSTRATE PREPARATION

Iron: *On iron blasted to SA 2,5 apply 1 coat of epoxy zinc based or of epoxy undercoat. After 24 hours apply a second coat of intermediate epoxy product. Then finish with 2 coats of Stopcoat 625, recoat interval 24 h between each coat.*

Aluminium and light alloys: *Remove the superficial oxidized coating by a mechanic brush or abrasive disk. Remove dust and brushing mill scales, degrease the substrate with Epothinner and apply 1 coat of Stopcoat 305. Sandpaper and finish with 2 coats of Stopcoat 625, recoat interval 24 h between each coat.*

Other substrates *: clean, duly prepared and treated with suitable primer*

APPLICATION DETAILS

Application:		*brush (just for small areas), spray, airless*
Thinner:		*Thinner PUR11*
Thinning:	*%*	*5-10 for brush* *10-20 for spray, airless*
Tools cleaning: Thinner PUR11		
Drying (at +25°C):		*dust dry 1-2 h*
Recoat interval (+25°C):		*Min12 / Max 24 h*
Temperature of application:	*°C*	*Min. +10*
Relative humidity:	*%*	*Max. 80*
Film Thickness per coat:		*Min. 30 µm / Max 60 µm*
Theoretical spreading rate:	*m^2/Kg*	*7,5 at a dry film thickness of 50 µm dft.*

HANDLING STORAGE AND SAFETY PRECAUTIONS

Handling Use individual protection means: gloves glasses and mask

Storage : Keep at room temperature in the original sealed cans.
Keep far from flames, sparks and heat sources.

Shelf life *: 12 months if stored in ventilated places at the max temperature of 40°C / min. +5°C in the original sealed cans.*
Do not expose to temperature lower than +5°C during transport.

Safety precautions Inflammable. 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

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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@industriebrunostoppanipaints.com sales@ibspaints.com www.industriebrunostoppanipaints.com
Azienda con sistema di gestione qualità UNI EN ISO 9001:2008 certificato da Certiquality - Certificato Nro 2134

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