TECHNICAL DATA SHEET



Name: KVES004 - KONVERTER LUCIDO EPOSSIDICO-90
Code: KVES004
Identification: CONVERTER
Revision: Rev.1 - 11/2026

Features

Glossy epoxy enamel characterized by excellent resistance to acids and weak alkalis, high brilliance and quick drying, which make it suitable for finishing metal products. Colourable in various shades with the addition of PPT 02 Series products . It is used as a finishing for supports in iron, light alloys or galvanized sheet where a moderate chemical and mechanical resistance is required. When exposed to external weather, the product tends to chalk (became more matt and with a dusty surface), without losing its essential characteristics.

Technical Specifications

KVES004	Property	Specification	Unit	Method
	Density (20°C)	1,30 - 1,60	Gr/cc	IST 11/01
	Viscosity, brookfield (20°C)	2500 - 3000	Cps	IST 11/05
	Dry Residue	75 - 80	%	IST 11/06
CVP0227	**Property**	**Specification**	**Unit**	**Method**
	Density (20°C)	0,88 - 0,92	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	11 - 14	Sec.	IST 11/08
	Solid Content	28 - 32	%	IST 11/06

The values describe the typical properties of the product. Technical Specifications are available upon request.

Use

Harden the KVES004 with the hardener CVP0227 at 40% by weight; subsequently thin it with DPV0137. The thinning of the product is established at the time of application according to the application parameters present, recommended at 10-15% by weight. The substrate must be perfectly clean, dry, degreased and free from contaminants; DO NOT use the product at temperatures lower than 12-15 ° C. The substrate must have a temperature at least 3°C higher than the Dew Point. Apply with a spray gun having a nozzle from 1.8 to 2.0 millimetres and with a pressure of 2 to 3 bar.

Application methods

Dipping ☐ Spraying ☐ Roller ☐ Brush ☐
Cloth ☐ Spatula ☐ Flow-coating ☐

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Application

	Pot-life	About 6 hours at 20°C
	Application viscosity	20 - 22 sec. Ford Cup 4 (20°C)
	Amount for single layer.	90 - 110 microns of wet layer
	Recommended quantity	110 - 150 gr/m² (two coats)
	Dust free	About 30' at 20°C (with good ventilation)
	Touch-free	About 2 - 3 hours at 20°C (with good ventilation)
	Overcoating - second coat	After 4 hours at 20°C (with good ventilation)
	Overcoating - second coat	After about 12 days, it is necessary to sand to overpaint
	Stacking	After about 48 hours at 20°C (with good ventilation)

Storage and packaging

Keep it tightly sealed in its original container in a cool environment (between + 5°C and + 35°C) that is not subject to abrupt temperature excursions. Standard packaging size of 20 Kg; for other requests a feasibility evaluation will be made.

Safety precautions

The product is intended for professional use only, refer to the Safety Data Sheet.

The data shown refer to laboratory tests; in practical applications they may vary significantly depending on the application conditions. The user must in any case verify the suitability of the product for the intended use and assumes all responsibility arising from its use. SERVIND ITALY reserves the right to make technical changes without prior notice.

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