

TECHNICAL DATA SHEET

CODE: KVES004

NAME: KVES004 - KONVERTER LUCIDO EPOSSIDICO-90

GROUP: CONVERTER

CHARACTERISTICS

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	Units	Method
	Density (20°C)	1,30 - 1,60	gr/cc	IST 11/01
	Viscosity, brookfield (20°C)	2500 - 3000	Cps	IST 11/05
	Solid Content	75 - 80	%	IST 11/06
CVP0227	Property	Specification	Units	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

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/m ² (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 PRECAUTIONS

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.

MOD. 11 - 08 (Rev. 1 - 06/2016)

The data shown refers to laboratory tests, in practical applications these can change slightly according to the working conditions. The user must anyway check the suitability of the product for its expected use, taking upon himself all responsibility arising from its use. Sigmar reserves the right to introduce technical changes without prior notice.

SAFETY PRECAUTIONS

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

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