TECHNICAL DATA SHEET



Name: KVES005 - KONVERTER SATINATO EPOSSIDICO-50
Code: KVES005
Identification: CONVERTER
Revision: Rev.1 - 11/2026

Features

Satin epoxy enamel for metal and for cementitious floors as anti-dust coat, formulated with epoxy-polyamide resins which give rise to a particularly hard and waterproof film and which make it suitable for painting metal products and concrete floors.
The product has good adhesion directly to metal after suitable cleaning and after the hardening times indicated in this data-sheet.
Particularly suitable for finishing metal items where good resistance to mineral oils, water, aliphatic hydrocarbons 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. the product has partially resistance to aromatic or strong solvents and strongly acidic or alkaline materials. Colourable in various shades with the addition of PPT 02 Series products . It is generally used for painting machine tools, carpentry in general and / or for building applications on concrete floors after pre-treatment.

Technical Specifications

KVES005	**Property**	**Specification**	**Unit**	**Method**
	Density (20°C)	1,45- 1,65	Gr/cc	IST 11/01
	Ford Cup 4 Viscosity (20°C)	120 - 160	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 KVES005 with the hardener CVP0227 at 25% 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; It is recommended a first coat of a suitable primer. 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 minimum 6 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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