TECHNICAL DATA SHEET



Name: KOAT601 - KONVERTER ACRILICO 2K SEMILUCIDO MU
Code: KOAT601
Identification: 2K ACRYLIC CONVERTER
Revision: Rev.1 - 11/2026

Features

Semi-glossy Solvent-borne acryl-polyurethane enamel, DTM, for metals and alloys. The product is characterized by excellent outdoor resistance, good anti-corrosive power on iron supports andexcellent adhesion on galvanized sheets.. It is used as primer and top-coat with good anticorrosive property for metalwork in general. Colourable in various shades with the addition of PPT 02 Series products . It can also be used in the construction sector for painting internal and external floors as a colored anti-dust treatment, with a field of use in rooms with normal wheeled traffic and moderate traffic with forklifts.

Technical Specifications

KOAT601	Property	Specification	Unit	Method
	Density (20°C)	1,15 - 1,35	Gr/cc	IST 11/01
	Ford Cup 4 Viscosity (20°C)	70 - 100	Sec.	IST 11/08
	Dry Residue	66,0 - 72,0	%	IST 11/06
CVP0205	**Property**	**Specification**	**Unit**	**Method**
	Density (20°C)	0,98 - 1,02	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	10 - 14	Sec.	IST 11/08
	Solid Content	36 - 40	%	IST 11/06

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

Use

If it is required a colored product, add the products of the PPT 02 series to the converter in the proportion and quantities suggested by the tintometric system. Stir well after adding. Harden the converter mixture at 30% by weight with the CVP0205 hardener, subsequently thin it with DPV0006. 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; The substrate must have a temperature between + 5°C and + 30°C, and in any case at least 3°C higher than the Dew Point. On galvanized sheet, a first coat of a suitable primer is recommended.
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	Around 4 hours at 20°C (with good ventilation)
	Suggested amount pro layer	100 - 140 microns wet coat
	Dust free	About 25' at 20°C (with good ventilation)
	Touch-free	About 1 - 2 hours at 20°C (with good ventilation)
	Overcoating - second coat	After at least 4 hours at 20°C (with good ventilation)
	Overcoating - second coat	After about 96 hours, it is necessary sanding to apply a further coat.
	Stacking	After 24 - 36 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 + 40°C) that is not subject to abrupt temperature excursions.
Standard packaging size of 25 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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