

TECHNICAL DATA SHEET

CODE: KOAT601

NAME: KOAT601 - KONVERTER ACRILICO 2K SEMILUCIDO MU

GROUP: 2K ACRYLIC CONVERTER

CHARACTERISTICS

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 and excellent 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	Units	Method
	Density (20°C)	1,15 - 1,35	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	70 - 100	Sec.	IST 11/08
	Solid Content	66,0 - 72,0	%	IST 11/06
CVP0205	Property	Specification	Units	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

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	At least after 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 PRECAUTIONS

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.

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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