TECHNICAL DATA SHEET



Name: 01_03072025 - 2K Waterbased Monocoat for Plastic - BIO
Code: 01_03072025
Identification: 2K ACRYLIC PAINT
Revision: Rev.1 - 11/2026

Features

Two-component, water-based acrylic paint with resins partly from renewable raw materials, Nickel-Nacreous coloured, with excellent filling and covering properties, yellowing resistance and surface hardness. applicable by spraying, on ABS, Polycarbonate, PA and PVC. Due to the wide range of ABS, PC, PA and PVC types, adhesion on the substrate to be painted must be tested beforehand on a sample of the material.

Technical Specifications

01_03072025	**Property**	**Specification**	**Unit**	**Method**
	Density (20°C)	1,05 - 1,15	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	20 - 30	Sec.	IST 11/08
CVP0233	**Property**	**Specification**	**Unit**	**Method**
	Density (20°C)	1,08 - 1,12	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	100 - 120	Sec.	IST 11/08
	Solid Content	82,0 - 88,0	%	IST 11/06

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

Use

Harden the product at 5% by weight with CVP0233 hardener, dilute subsequently with water. The dilution of the product is determined at the time of application depending on the application parameters present, recommended 0% - 5% by weight. Apply by blending with a spray gun with a nozzle size of 1.0 to 1.3 millimetres and a pressure of 2 to 3 atmospheres.
A temperature of 70°C is recommended for drying after a short flash off time.

Application methods

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

Application

	Suggested amount	10 - 50 gr/m²
	Dust free	Circa 10' at 70°C (with good ventilation)
	Handling	After about 1 hour at 70°C

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Storage and packaging

Keep it tightly sealed in its original container in a cool environment (between + 4°C and + 30°C) that is not subject to abrupt temperature excursions.
Standard pack size is 1 Kg. For other specific requirements 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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