

TECHNICAL DATA SHEET

CODE: VES0355

NAME: VES0355 - OPACO EPOSSIDICO GRIGIO GRAFITE RAL 7024

GROUP: PRIMER ANTICORROSIVO

CHARACTERISTICS

Epoxy two-component anti-corrosion coating for general use, RAL 7024 gray coloured, easy to apply, quick drying and applicable in high thickness.

The VES0355 can be used as a primer, as an intermediate or as a top-coating, on metals, galvanized steel, on old paints, it has also excellent mechanical and chemical characteristics, resistance to impact, abrasion, bending, and to various chemical substances including oils, kerosene, naphtha, alkali and non-concentrated acid solutions.

Particularly suitable for finishing metal items where good resistance to mineral oils, water, aliphatic hydrocarbons is required. It is not suitable for continuous immersion service.

TECHNICAL SPECIFICATIONS

VES0355	Property	Specification	Units	Method
	Density (20°C)	1,54 - 1,58	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	Thixotropic (t ₉₀ = 180")	Cps	IST 11/05
	Solid Content	76 - 80	%	IST 11/06
CVP0244	Property	Specification	Units	Method
	Density (20°C)	0,96 - 1,00	gr/cc	IST 11/01
	Solid Content	45 - 49	%	IST 11/06

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

USE

Completely remove from the surface to be painted anything that is not adherent and compact, such as rust or old paints residues. The surface, must be perfectly clean, dry and free from humidity, oil or grease, and free from contaminants. For particularly harsh operating conditions we recommend a white metal blasting (grade Sa3). A commercial blasting or alternatively a good quality mechanical cleaning are often acceptable.

It is recommended to stir well the product before use.

Harden the VES0355 with the hardener CVP0244 at 25% by weight; 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% by weight. Apply by spraygun with nozzle of 1,3 - 1,8 mm and pressure of 2,0 - 3,0 bar.

APPLICATION

Pot-Life	About 3 hours at 20°C (with good ventilation)
Recommended quantity	about 250 - 300 microns wet
Dust free	About 2 hours at 20°C (with good ventilation)
Overcoating time lapse	About 5 - 6 hours at 20°C (with good ventilation)
Complete hardening at 20°C	After about 6 -7 days.
Recommended application temperature	from +5 to +40 °C
Maximum operating temperature	120°C

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 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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