

TECHNICAL DATA SHEET

CODE: VPT0102

NAME: VPT0102 - UPE-SPRITZLACK NON-TIX 05PE

GROUP: TRANSPARENT POLYESTER VARNISH

CHARACTERISTICS

Gloss varnish based on unsaturated polyesters for spray application, with redox type catalysts, possessing good filling powers (to block up the wood pores), not thixotropic and with high chemical resistance to temperature swings. Can be brushed on and polished.

TECHNICAL SPECIFICATIONS

VPT0102	Property	Specification	Units	Method
	Density (20°C)	1,06 - 1,08	gr/cc	IST 11/01
	Viscosity, Din Cup 4 (20°C)	40 - 50	Sec.	IST 11/09
APV0071	Property	Specification	Units	Method
	Density (20°C)	0,91 - 0,95	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	9 - 11	Sec.	IST 11/08
APV0072	Property	Specification	Units	Method
	Density (20°C)	0,85 - 0,89	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	9 - 11	Sec.	IST 11/08
CVP0168	Property	Specification	Units	Method
	Density (20°C)	0,90 - 0,94	gr/cc	IST 11/01
	Viscosity, Ford Cup 4 (20°C)	8 - 12	Sec.	IST 11/08

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

USE

Wood or woody materials must be sealed with IMT0022. Harden the transparent polyurethane sealer IMT0022 at 100% by weight with hardener CVP0169, then thin with DPV0112. The thinning of the product is established at the time of application depending on the current application parameters, approximately 50%. Catalyse the VPT0102, adding 1% by weight of APV0071 (accelerant), then add 1% by weight of APV0072 (degasser), and finally add 10% by weight of catalyser CVP0168; after each addition stir the mixture well. Bring the application viscosity to 25" - 30" DIN CUP4 with DPV0111. Apply by spraying at a pressure of 3.5 – 4.0 bar and using a 1.8 - 2.0 mm. nozzle. To clean the equipment, use DPV0113.

APPLICATION

Pot life with degasser and accelerator	About 72' hours at 25 °C
Pot life with degasser, accelerator and hardener	About 15' - 25' at 18 – 25 °C
Recommended quantity	200-250 gr/m ² (minimum n.2 coats con intermediate gelation)
Drying time	48 hours at 23°C
Surface treatments	Not necessary but possible after 48 – 72 hours
	Preliminary sanding – sanding paper 280 - 320
	Final sanding – sanding paper 400 - 1000
	Wax polishing

STORAGE AND PACKAGING PRECAUTIONS

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.

Keep it tightly sealed in its original container in a cool environment (between 20°C and 30°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.

In the storage facility, keep APV0071 and CVP0168 separated, in order to avoid risks of explosion.

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