

TECHNICAL DATA SHEET

Product Type : **VARNISH**
Product Reference : **PFO48V**
Product Name : VERNIS MS
Hardener : DUR 19150 at 20% in volume

Description

PFO48V is a very fast drying varnish based on modified polyurethane acrylic resins with excellent adherence on several substrates (non ferrous metals, wood, glass, polyester and some plastic substrates). It is suitable for industrial indoor applications on all substrates mentioned above and also outdoor applications except on wood.

PFO48V gives paint layers with resistance to water, chemical products and UV rays (non yellowing and non chalking). For substrates that are highly handled, it is advised to cover PFO48V by PFO18V to ensure a better mechanical resistance.

Available in matt and glossy versions as well as intermediate gloss values (on request).

Physical Properties (at 20°C)

Physical properties					
Gloss	B10	B20	B30	B50	B95
Density	0,97				
Viscosity	60-75 sec (AFNOR cup n°4)				
Dry content (%)	40 % in weight and volume				

Instructions for use

Substrate preparation : Apply 1 to 2 layers on clean, dry and degreased substrate
Recommended thickness : 40 µm dry
Equipment cleaning : DV9955
Pot life : 4 h

Mixing procedure	In weight (kg)	In volume (L)
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Roll / brush	PF048V : 100 DUR19150: 17 Thinner DV9955 : 0-10	PF048V : 100 DUR19150 : 20 Thinner DV9955 : 0-10
Pneumatic spraying gun	PF048V : 100 DUR19150 : 17 Thinner DV9955 : 12-20	PF048V : 100 DUR19150: 20 Thinner DV9955 : 15-25
<u>Airless</u>	PF048V : 100 DUR19150: 17 Thinner DV9955 : 0-12	PF048V : 100 DUR19150: 20 Thinner DV9955 : 0-15

Physical drying is very quick. In case of high temperature (>25°C) it is recommended to increase the thinner quantity and / or use the slow evaporating thinner D3 to avoid micro stitching. For accelerated drying in oven, please refer to us.

Performances

Touch dry :	15 min
Can be handled after :	1 h
Can be recovered after :	24 h with slight sanding
Hard :	24 à 48 h
Complete crosslinking :	8-10 days

Those results are indicated for air drying. Please refer to us in case of oven drying.

Theoretical yield

10 m²/L for 40 µm dry film

Packaging

1L / 5L / 10L / 20L drum

Storage

Store at a temperature below 25°C in a dry and well ventilated place away from any source of ignition.
Shelf life : 2 years in closed packaging.

Hygiene / Safety

Respect the precaution of use by reading the material safety data sheet.

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