

TP146N-XX

Clear PU matt top coat

Technical data sheet Revision: 01/06/2023

PRODUCT OVERVIEW

General properties	Clear PU matt top coat, with good scratch resistance
Recommended use	Doors, chairs, kitchen doors
Application method	Spray gun, airless, airmix
Main characteristics	to produce pigmented top coat with EP080/XX tinters and GALA MATCH software It can be hardened with HP97 (no yellowing) or HP11 (yellowing) at
Mix preparation	50% by volume. To be reduced with standard PU thinner S50 or S48 up to 20% by volume.
Colour available	Colourless
Gloss available	5-10-20-30-40-50-60-80-90

CHEMICAL AND PHYSICAL CHARACTERISTICS (20 °C)

Solid Content (%)	48.0% ±0.2
Density (g/cm3)	0.97 ±0.05
Viscosity DIN 4 (sec)	40" ±5
Pot life	2 hours with standard hardener

APPLICATION PROPERTIES

Vertical hold (microns)	120
Recommended N° of coats	1
Recommended quantity per coat (g/m²)	120-150
Metric yield (m²/kg)	6-8

APPLICATION INSTRUCTIONS

Equipment	Dilution %	Nozzle	Press. air / bar	Press. varnish / bar
Air Mix	-	09-11	1-2	80-110
Air Less	-	09-11	--	120-150

DRYING

Dry at 20°C and UR% between 45 - 65: 120 g/m2

Dust free	15 min
Handling	40 min
Overcoat	--
Stackable	24 hours
Sanding	-

Dry in tunnel: 120 g/m²

Stage	Temperature	Time
Flash Off	20-25	15 min
Laminar Air	35-40	30 min
Cooling	20-25	15 min

RECOMMENDED CYCLE

1. Sand the wooden substrate with proper sanding papers
2. Apply from 1 to 2 coats of PU clear sealer [code TBC]
3. After proper drying time, sand the sealer with sanding paper 240-320
4. Overcoat with the PU top coat TP146N-XX

DISCLAIMER

The data provided in this technical sheet correspond to the values and characteristics of the product offered, in relation to our skills and experience. GALA-PRO guarantees the physical-chemical characteristics of its products, as well as their consistency. However, responsibility for the final result of the product application rests with the user, who must ensure that the selected product corresponds to their application needs and to the type of substrate selected. The viscosity level of highly thixotropic products may differ from the value reported in this technical data sheet; to be considered acceptable, this value should differ by a maximum of 30% from the reported value.