



POLYFOND ANTI GRAFFITI VARNISH

HIGH GLOSS - SATIN - MATT

PRODUCT DESCRIPTION

Polyfond Varnish is a two component aliphatic polyurethane varnish, free from aromatic hydrocarbons, specially designed for application on pre-painted boards, composite materials, metallic surfaces and steel, galvanized steel or aluminum.

This Polyfond Varnish is non-yellowing, fungicide and particularly resistant to chemicals

PRODUCT REFERENCES

88/572 : High gloss (95)

91/498 : Satin (30-50)

91/499 : Matt (10)

PREPARATION OF THE SURFACE

Room temperature : Min. +10°C during drying time

Surface temperature : Min. +10°C

Relative humidity : Max. 80%

Degrease well.

On non-painted surfaces, apply one layer of Adhesion Varnish 08/949.

PREPARATION OF THE PRODUCT AND POTLIFE

100 parts Polyfond Varnish

25 parts Hardener 88/477

Application with spray gun : Up to 20% Thinner Polyfond 88/545

Application with brush : Up to 10% Thinner Polyfond 88/546

Carefully homogenize and let de-bubble.

Potlife : 8 hours at 20°C.

Coverage : 7-8 m²/ltr.

Dry extract : 47% (in weight).

DRYING TIME AT 60% RH AND 20°C

Out of dust : 20 minutes.

Out of touch : 2 hours 30.

Recoatable : 24 hours.

Optimal properties : After one week



CLEANING OF THE MATERIAL

Immediately after use, with Lavage Polyester.

PROPERTIES

Coverage: 7-8 m²/litr.
Density : 1,02 (gloss) – 1,04 (satin and matt)
Dry extract: 46,3% (gloss) – 47% (satin) – 45,3% (matt)
Wet thickness: 130 µm
Dry thickness: 60µm

PERFORMANCES

Unscratchable after hardening.
Conical mandrel folding : No fissure.
Erichsen indentation : Higher than 6mm.
Persoz hardness :
24 hours : 122 (matt) – 97 (satin) - 82 (gloss)
48 hours : 180 (matt) – 158 (satin) - 149 (gloss)
96 hours : 212 (matt) – 252 (satin) - 284 (gloss)
168 hours : 239 (matt) – 299 (satin) - 291 (gloss)

The hardness and strength of the film after complete polymerization do not exclude exceptional flexibility.

STORAGE CONDITIONS

24 months in the original closed packaging (component A).
12 months in the original closed packaging (component B).
Store in a well ventilated area at a room temperature between + 5 and + 35°C.

Our information on the technical product is used only as assistance to professional workers. During the implementation of our products, we always advise to start with a test on a small area.