

TECHNICAL DATA SHEET

Product Type : DIRECT ADHERENCE LACQUER

Product Reference : PF049

Product Name : SIMACRYL DIRECT ANTICO

Hardener: DUR 19150 at 20% in volume
DUR 22475 à 20% in volume : specific for B80 gloss

Description

Two component solvent-based lacquer based on modified polyurethane acrylic resins and reinforced with corrosion inhibiting pigments (lead-free).

With thixotropic and filling properties, it avoids the application of a primer and is used as monolayer in most cases.

This lacquer can be applied directly to all ferrous or non-ferrous metals (aluminum, galva, stainless steel, brass, copper, etc.), glass, polyester and some plastics with excellent adhesion.

Its excellent resistance to corrosion and UV rays make it a versatile and durable product.

This lacquer is suitable for the industrial sector, for an indoor or outdoor application.

Physical Properties (at 20°C)

Physical properties			
Gloss	B20	B50	B80
Density	1,37	1,35	1,30
Viscosity (cps)	1700	1350	1000
Dry content (%)	61,3% in weight 43% in volume		

Instructions for use

Substrate preparation :	Apply 1 to 2 layers on clean, dry and degreased substrate
Hardener:	DUR 19150 : 20% in volume (for B20 and B50 gloss) DUR 22475 : 20% in volume specific for B80 gloss
Thinner :	DV 9955 (standard) or D3 (slow evaporating thinner)
Thinner quantity in volume :	0-10% for roll/brush 15-25% for pneumatic spraying gun 0-15% for airless
Recommended thickness :	60-80 µm dry or 125-175 µm wet
Equipment cleaning :	DV 9955
Pot life :	4 h



PF049 is applied in 1 or 2 layers and can be applied in high thickness (up to 100 µm dry per layer).

Physical drying is very quick. In case of high heat (> 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.

It is possible to obtain a textured surface appearance by spraying the product without thinner (use DUR19150 hardener).

Performances

Touch dry :	15 min
Can be handled after :	1h
Can be recovered after :	2h (after 72h : sand the substrate with P230)
Hard :	24 to 48h
Complete crosslinking :	8 to 10 days
Corrosion resistance :	500 h salt spray resistance on raw steel

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

Theoretical yield

7-8 m²/L for 60 µm dry film

Packaging

1 kg / 5kg / 10kg/ 25kg 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.
Wear personal protective equipment: gloves, eye protection and appropriate work clothing.

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