

TECHNICAL DATA SHEET

Product Type :	LACQUER
Product Reference :	PF018
Product Name :	SIMACRYL HES
Hardener :	By spraying = 2/1 in volume : DUR19150 By roller/brush = 3/1 in weight or volume : DUR19449

Description

SIMACRYL HES is a two component solvent-based acrylic polyurethane lacquer. Lacquer is applied to metals (primary recommended PF051 or MARINE PRO EPOX), wood, concrete, and some plastics (contact us) outdoors in the field of industry and marine.

His brilliance and high dry extract allow a protection and a finish of very good quality.

The high-quality lacquer SIMACRYL HES combines excellent mechanical resistance and excellent chemical resistance. It's recommended as a coating for stamping or folding sheet metal or as non-skid coatings for decks on boats. Moreover, it can be used in paint for swimming pools and basins in concrete or polyester (consult us for the implementation).

Its excellent resistance to UV and weather also gives it the characteristic of high durability lacquer.

Physical Properties (at 20°C)

Physical properties	B30	B50	B95
Gloss	30 gloss	50 gloss	95 gloss
Density	1.00 (White) variable according to the colors		
Viscosity (Cup Afnor n°4)	2 min 30		
Dry content (%)	68 % in weight 52 % in volume on the mixture A+B (DUR19150)		

Instruction for use

Substrate preparation :	Apply 1 to 2 layers on clean, dry and degreased substrate.
Hardener :	DUR 19150 52% in volume
Thinner :	DV9955 (standard)



Thinner quantity in volume :	0-5% for roll/brush 0-10% for pneumatic spraying gun 0-5% for airless
Recommended thickness :	40-60 µm dry or 75-100 µm wet
Equipment cleaning :	DV9955
Pot life :	3h at 20°C - 1h30 at 30°C

The optimal performance of the coating is obtained after complete crosslinking, 8 to 10 days of drying at 20°C (air-drying). The crosslinking can be accelerated by oven at 50-60°C.

For forced drying at a temperature above 60°C, contact us.

Performances

Touch dry :	45 min
Can be handled after :	4-6 h
Can be recovered after :	12 h (after 72 h: sand the substrate with P320)
Hard :	24-48 h
Complete resistance :	8-10 days

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

Theoretical yield

100 g/m² for 40 µm dry film

Packaging

Drum 1kg / 5kg / 10kg / 25kg / 200kg

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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