



TECHNICAL DATA SHEET
2TG4.305HS
ACRICAR 305 HS MATT

Creation date
Rev. 0

03/02/25

GENERAL INFORMATIONS		
Matt Transparent two-component acrylic with high resistance to atmospheric agents, good passivating power, maximum resistance to aggressive chemicals (detergents etc.), good elasticity, excellent gloss retention.		
FINISHED PRODUCT CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	0,98 ± 0,1 Kg/L	
VISCOSITY	R3 180 cP a 20°C	Brookfield method
SOLIDS CONTENT	50 ± 1% (weight)	Theoretical
YIELD: (50 µm dry)	11 m ² /Kg 11 m ² /L	Theoretical
BRIGHTNESS	10 Gloss	Glossmeter 60°
CATALYSIS	45% with HDR2H097 (weight/volume)	
NATURE OF THE BINDER	Hydroxylated acrylic resin and multifunctional aliphatic isocyanates	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
<i>RESISTANCES</i>	
ATMOSPHERIC AGENTS	Excellent
NORMAL INDUSTRIAL ATMOSPHERE	Very good
HEAVY INDUSTRIAL ATMOSPHERE	Very good
MARINE ATMOSPHERE	Good
HIGH HUMIDITY ENVIRONMENTS	Excellent
ALIFATICALS	Very good
AROMATICS	Good
ALCOHOLS	Good
OILS AND FATS	Very good
<i>APPLICATION MODE</i>	
SPRAY	Dilution 10-20% ACRYLIC DILUENT. Nozzle pressure: 3-4 bar Nozzle diameter: 1.6 mm
<i>HARDENING</i>	
DUST FREE	40 min
TOUCH FREE	4-5 hours
DEEP HARDENING	8-10 hours
COMPLETE HARDENING	7 days
<i>Drying can also be done in the oven at 80°C max (40'), after a drying time of 20 minutes.</i>	
Hardening times may vary considerably depending on the thickness applied. A high thickness can compromise deep drying.	



TECHNICAL DATA SHEET

2TG4.305HS

ACRICAR 305 HS MATT

Creation date
Rev. 0

03/02/25

OVERPAINTING
The product can be overpainted with itself wet on wet. According to its nature of finishing topcoats, we not recommend to overpaint it with other coatings.
SURFACES PREPARATION
Surfaces must be free of impurities. In case of maintenance works 2TG4.305HS have to be sanded before overspray it.
ENVIRONMENTAL CONDITIONS
The temperature of the substrate and exterior must be at least 3 degrees above dew point.
TOOLS CLEANINGS
The tools can be cleaned from the uncured product with DILUENTE NITRO ANTINEBBIA.
STORAGE
In a cool and dry place, protected from direct sunlight and in the well sealed tin, ACRICAR HS is stable at least 18 months, the CATALIZER at least 6 months. Particular attention must be paid to the storage of the CATALIZER which, being susceptible to react with atmospheric humidity, once opened must be consumed as soon as possible and at the same time stored in particularly dry environments.

The information given in this technical data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way constitute a guarantee. The purchaser/user decides independently on the suitability of the product for his own requirements in the context of the specific field of use. For safety information please refer to the relevant toxicological data sheet.