



TECHNICAL DATA SHEET

2TG4

ACRICAR 70.00 MATT

Creation date 13/04/15
 Latest update 02/11/21
 Rev. 2

GENERAL INFORMATIONS		
2TG4 is a 2K acrylic transparent that guarantee high weather resistance, good elasticity and excellent gloss retention. The product is particularly suitable for industrial use. The applied coat has a high surface hardness.		
PHISICAL AND CHEMICAL CHARACTERISTICS		
		NOTE
SPECIFIC WEIGHT	0.98 ± 0,1 Kg/L (A)	
VISCOSITY	R4 1700 CP a 20°C	Brookfield Method
SOLID CONTENT	40 ± 1% (by weight)	Theoretical
SPREAD REATING: (50 µm dry)	9 m ² /Kg	Theoretical
BRIGHTNESS	5-10 Gloss	Glossmeter 60°
CATALYSIS	25% with HDR2H097 (by weight) 25% with HDR2H097 (by volume)	
BINDER NATURE	Hydroxilated acrylic resins	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
<i>RESISTANCES</i>	
ATMOSPHERIC AGENTS	Excellent
NORMAL INDUSTRIAL ENVIROMENTS	Really Good
HEAVY INDUSTRIAL ENVIROMENTS	Really Good
SEA ENVIROMENTS	Good
HIGH UMIDITY ENVIROMENTS	Excellent
ALCOHOLS	Good
FATS AND OILS	Really Good
<i>CORROSION RESISTANCE (ASTM B 117)</i>	
Dry film thickness: 75 microns - ageing 7 days at 25°C After 400 hours blistering phenomenon are absent, corrosion does not recede more than 2 mm from the engraving. A standard painting cycle (Epoxy primer 5XG4, acrylic enamel 2AG1 and a finishing layer of 2TG4) presents no blister phenomenon after 1500 hours and the corrosion does not leave 2 mm from the engraving. Test duration: 1800 hours.	
<i>APPLICATION</i>	
SPRAY	Dil. 10-20% TH4.1000 ACRYLIC THINNER Pressure: 3 bar Ø nozzle: 1.6 mm
POT LIFE	3 hours (high temperature could reduce significantly this parameter)
<i>HARDENING TIMES</i>	
DUST FREE	40 minutes
TOUCH FREE	4-5 minutes
DEEP HARDENING	8-10 hours

Vivcolor s.r.l.



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COMPLETE HARDENING	7-10 days
OVEN	40 mins - 80°C after 20 mins by the application)
<i>Hardening times can change considerably according to temperature and thickness of the application. Light rain, high humidity or condensation in the 16 hours after the application can prevent film to form.</i>	

OVERPAINTING
Not recommended
SURFACES PREPARATIONS
Dry and clean from all form of types of impurities.
ENVIROMENTAL CONDITIONS
Particularly cold temperatures or environments with high relative humidity can slow down or modify the characteristics of the system, which is affected by atmospheric conditions during the painting phase. It is therefore advisable to apply and start the hardening process in environments with temperatures above 10-15 °C and a maximum relative humidity of 75 %. Light rain, high humidity or condensation phenomenon during the 16 hours following application (20°C) can irreversibly damage the film formation.
TOOLS CLEANING
Tools can be cleaned, by not polymerized product, easily with TH4.1000 (NITRO THINNER).
STORAGE
In fresh and dry places, avoiding direct contact with sunlight and in a well sealed can, 2TG4 results stable for 18 months. His hardener, in the same conditions, 6 months.

The information given in this sheet and founded on our experience are not intended to be fully exhaustive. Whilst we endeavour to ensure that all advices we give about the product (whether in this sheet or otherwise) are correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Is supposed that every user liberally opts for the products described on this sheet, after verifying suitability according its requirements. This product is intended for use only by professional applicators in industrial, according the advices described on this sheet, the material safety data sheet and the packaging.