



## TECHNICAL DATA SHEET

2CG4.SL240

ACRYLIC ENAMEL FOR CORTEN EFFECT

Creation date 27/04/15

Rev. 0

GENERAL INFORMATIONS		
2K acrylic enamel with excellent resistance characteristics to atmospheric agents and good elasticity.		
PHYSICAL AND CHEMICAL CHARACTERISTICS		
		NOTE
SPECIFIC WEIGHT	0.98 ± 0,1 Kg/L (A)	
VISCOSITY	R4 1700 CP at 20 °C	Brookfield Method
SOLID CONTENT	40 ± 1% (by weight)	Theoretical
SPREAD REATING: (50 µm dry)	9 m <sup>2</sup> /Kg	Theoretical
BRIGHTNESS	5-10 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/CE)	293.2 g/L	
CATALYSIS	20% with HDR2H097 (by weight)	
BINDER NATURE	Hydroxilated acrylic resins	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
<b>RESISTANCES</b>	
ATMOSPHERIC AGENTS	Excellent
NORMAL INDUSTRIAL ENVIRONMENTS	Really Good
HEAVY INDUSTRIAL ENVIRONMENTS	Really Good
SEA ENVIRONMENTS	Good
HIGH HUMIDITY ENVIRONMENTS	Excellent
ALCOHOLS	Good
FATS AND OILS	Really Good
<b>CORROSION RESISTANCE (ASTM B 117)</b>	
Dry film thickness: 75 µm - 7 days rest 25 °C After 400 hours no blistering detect, rust at 2 mm from the incision.	
<b>APPLICATION</b>	
SPRAY	Dil. 10-20% TH4.1000 (DILUENTE NITRO ANTINEBBIA). Pressure: 3 bar Ø nozzle: 1.6 mm
POT LIFE	3 Hours (with high temperature pot life time can be lower)
<b>HARDENING TIMES</b>	
DUST FREE	40 mins
TOUCH FREE	4-5 mins
DEEP HARDENING	8-10 hours
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>	

# Vivcolor s.r.l.



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<b>OVERPAINTING</b>
Not recommended
<b>SURFACES PREPARATIONS</b>
Dry and clean from all form of types of impurities.
<b>ENVIRONMENTAL CONDITIONS</b>
Surface temperature must be 3 degrees over dew point. If external temperature go over 25-30°C with recommend to use a appropriate slow thinner in order to obtain a smooth layer of coat.
<b>TOOL CLEANING</b>
Tools can be cleaned, by not polymerized product, easily with TH4.1000 (DILUENTE NITRO ANTINEBBIA).
<b>STORAGE</b>
In fresh and dry places, avoiding direct contact with sunlight and in a well sealed can, 2CG4.SL240 results stable for 18 months. His hardner, 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.