

## TECHNICAL DATA SHEET

2BG4.SL239

ACRYLIC PRIMER FOR CORTEN EFFECT

Creation date 27/04/15

Rev. 0

GENERAL INFORMATIONS		
2K antirust primer for ferrous surfaces and noble plastics (ABS, ecc.) gifted with excellent technical characteristics, good elasticity properties and poor flammability. 2BG4.SL239 is used combined with 2CG4.SL240 (CORTEN EFFECT TOPCOAT) for obtain typical Corten effect.		
PHISICAL AND CHEMICAL CHARACTERISTICS		
		NOTE
SPECIFIC WEIGHT	1.4 ± 0,1 Kg/L (A)	
VISCOSITY	R4 7300 CP at 20°C	Brookfield Method
SOLID CONTENT	70 ± 1% (by weight) 52 ± 1% (by volume)	Theoretical
SPREAD REATING: (50 µm dry)	7 m <sup>2</sup> /Kg	Theoretical
BRIGHTNESS	5-10 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/CE)	119.10 g/L	
CATALYSIS	15% with HDR2.001 (by weight)	
BINDER NATURE	Hydroxilated acrylic resins	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
RESISTANCES	
ATMOSPHERIC AGENTS	Excellent
NORMAL INDUSTRIAL ENVIRONMENTS	Really Good
HEAVY INDUSTRIAL ENVIRONMENTS	Really Good
SEA ENVIRONMENTS	Good
HIGH HUMIDITY ENVIRONMENTS	Excellent
ALTERANT WATER IMMERSIONS	Good
CONTINUOUS WATER IMMERSION	Good
ORGANIC ACIDS	Really Good
INORGANIC ACIDS	Good
ALKALINE	Good
ALIPHATIC	Really Good
AROMATIC	Good
ALCOHOLS	Good
ACID SALTS	Really Good
ALKALINE SALTS	Good
FATS AND OILS	Really Good
AROMATIC SOLVENTS	Good
ALIPHATIC SOLVENTS	Really Good
CORROSION RESISTANCE (ASTM B 117)	
Dry film thickness: 75 µm - 7 days rest 25 °C After 400 hours no blistering detect, rust at 2 mm from the incision.	
APPLICATION	
SPRAY	Dil. 10-20% TH4.1000 (DILUENTE NITRO ANTINEBBIA). Pressure: 3 bar Ø nozzle: 1.8 mm

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HARDENING TIMES	
DUST FREE	10-15 mins
TOUCH FREE	40 mins
DEEP HARDENING	24 hours
COMPLETE HARDENING	7 days
POT LIFE	4 hours (with high temperatures pot life time can be lower)
<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

After 40 mins 2BG4.SL239 can be overpainted with 2CG4.SL240. We recommend to do some test before the final application with the topcoat because the effect can change according to: hands of coat, spray angle and quantity of product applied over the primer. Topcoat is formulated with also text additives so our advise is to check the possible filters in the varnishing plant.

### SURFACES PREPARATIONS

Dry and clean from all form and types of impurities. Better results can be observed if the surface is sanded.

### ENVIRONMENTAL CONDITIONS

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.

### TOOLS CLEANING

Tools can be cleaned, by not polymerized product, easily with TH4.1000 (DILUENTE NITRO ANTINEBBIA).

### STORAGE

In fresh and dry places, avoiding direct contact with sunlight and in a well sealed can, 2BG4.SL239 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.