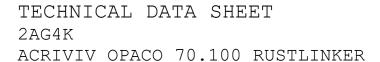
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GENERAL INFORMATIONS

FINISHED PRODUCT CHARACTERISTIC

CATALYSIS

BINDER NATURE

Single-component, two-component, handmade enamel with high weather resistance, good passivity, good passivating power resistance to aggressive chemicals (detergents, etc.), very low resistance to chemicals flammability (fully hardened), good elasticity, excellent retention of the gloss level, high coverage and that thanks to the peculiarity of its components suitable for the painting of substrates oxidised ferrous metals.

The enamel is particularly suitable for industrial use specially for the direct coating of oxidised ferrous metal substrates, 2AG4K is in any case also used on galvanised sheet metal etc. or for the overpainting of substrates previously treated with our own suitable primer.

The applied film is semi-glossy with an excellent anti-scratch power. The ACRIVIV 70.100 RUSTLINKER (completely imperfection-free film) registers a resistance to continuous heat of approx. 90-100°C.

Beyond this temperature the technical characteristics are not guaranteed of the product.

		NOTES	
SPECIFIC WEIGHT	1.2 ± 0,1 Kg/L	1.15 ± 0.1 Kg/L (A+B)	
VISCOSITY	R4 5000 cP at 20°C	Brookfield method	
SOLID CONTENT	70 ± 1% (weight) 55 ± 1% (volume)	Theoretical (A+B)	
YIELD: (50 dry μm)	8.5 m ² /Kg	Theoretical	
OPACITY	10-15 Gloss	Glossmeter 60°	
AVAIABLE DYES	RAL, Pantone, NCS and on sample		

10% with HDR2.001 (weight)

15% with HDR2.001 (volume)

aliphatic isocyanates

Hydroxylated acrylic resin and multifunctional

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS				
RESISTANCES				
ATMOSPHERIC AGENTS	Excellent			
NORMAL INDUSTRIAL ATMOSPHERE	Very good			
HEAVY INDUSTRIAL ATMOSPHERE	Very good			
MARINE ATMOSPHERE	Good			
HIGH HUMIDITY ENVIRONMENTS	Excellent			
ALTERNATING IMMERSION IN WATER	Good			
CONTINUOUS IMMERSION IN WATER	Good			
ORGANIC ACIDS	Medium			
INORGANIC ACIDS AND ALKALIS	Good			
ALIFATICALS	Very good			
AROMATICS	Good			
ALCOHOLS	Good			

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TECHNICAL DATA SHEET 2AG4K ACRIVIV OPACO 70.100 RUSTLINKER

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ACID SALTS	Very goo	od					
ALCALINI SALTS	Good						
OILS AND FATS	Very good						
	0h	75h	150h	220h			
	5-10	5-10		5-10 gloss			
0.00	gloss		ΔE: 0,4	Δ E: 0,3			
QUV TEST (ASTM G 53)			ΔL: 0,3	ΔL: 0,18			
			∆a: -0,18	Δ a: -0,22			
			∆ b: −0,03	Δb: -0,05			
TEMPERATURE	The ACRIVIV 70.100 enamel (completely dried						
	and with imperfection-free film) has a						
	continuous heat resistance of approx. 90-						
	100°C. Beyond this temperature, the						
	technical characteristics of the product are						
	not guaranteed.						
SALT SPRAY TEST (ASTM B 117)	[Dry film thickness: 75 micron] [Aging 7						
	days at 25°C].						
	After 400 hours salt mist test blistering						
	absent, the corrosion does not move 2 mm away from the incision.						
			•				
		ON MODES	! + 1	IITAIAIDD			
CDDAY (CONVENTIONAL)	Dilution 10-20% with ACRYLIC THINNER						
SPRAY (CONVENTIONAL)	Nozzle pressure: 3-4 atm						
	Nozzle diameter: 1.6 mm Dilution 5-10% with ACRYLIC THINNER						
SPRAY (AIRLESS)	Nozzle pressure: 75-100 bar						
SI NAT (AINLESS)	Nozzle diameter: .017"019".						
HARDENING							
POT LIFE	4 hours						
High temperatures can also		antlv redu	ce the time r	eauired for			
use.	9			-4			
DUST FREE	40 min						
TOUCH FREE	2-4 hours						
DEEP HARDENING	8-10 hours						
COMPLETE HARDENING	7 days						
Drying can also be carried		n oven at	80°C max (40'), after a			
20-minute of flashoff time.							
Hardening times may vary considerably depending on the thickness							
applied. A high thickness can compromise deep drying. Temperature can							
also have a significant influence on the temperature, especially on the							
The second secon							

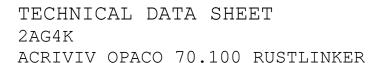
SURFACES PREPARATION

least 3 degrees above the dew point.

Degrease thoroughly according to norm. SSPC-SP1. Iron surfaces with scale and/or rust must be treated by commercial sandblasting SIS Sa2. The

evaporation of solvents. The temperature of the substrate must be at

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surfaces that has been just galvanized, before painting, must be treated by brushing or washed with an acid solution in order to obtain a sufficient porosity of the substrate. To achieve maximum adhesion, apply the paint in a very thin coat (40-60 microns).

ENVIRONMENTAL CONDITIONS

The temperature of the substrate and exterior must be at least 3 degrees above dew point. At temperatures above 25-30°C it is advisable to use a special retardant thinner or a larger quantity of the thinner usually used, in order to avoid the formation of dots and bubbles (pin points) on the paint film.

TOOLS CLEANING

Tools can be cleaned from the uncured product with NITRO THINNER.

STORAGE

In a cool and dry place, protected from direct sunlight and in a well sealed tin, ACRIVIV 70.100 RUSTLINKER is stable for at least 18 months, the CATALIZER at least 6 months. Particular attention must be paid to the storage of the HARDENER 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.