

## TECHNICAL DATA SHEET

2AS3

ACRIVIV SIGNAL SEMI MATT

Creation date  
Rev.

17/01/24  
0

GENERAL INFORMATIONS		
Two component acrylic enamel with with excellent adhesion to the road surface and high resistance to wear, chemicals and weathering. It is suitable for traffic signs, guide-lines, pictograms and urban and sports decorations.		
PHISICAL AND CHEMICAL CHARACTERISTICS		
		NOTE
SPECIFIC WEIGHT	1.35 ± 0,1 Kg/L (A)	
VISCOSITY	R4 2000 CP a 20°C	Brookfield Method
SOLID CONTENT	67 ± 1% (by weight) A+B 50 ± 1% (by volume) A+B	Theoretical
YIELD: (100 µm dry)	4,5-5 m <sup>2</sup> /Kg 45-50 m/Kg	Theoretical
<i>The calculation of linear metres refers to a continuous line with a width of 10 cm.</i>		
BRIGHTNESS	35-40 Gloss	Glossmeter 60°
AVAIBLE DYES	RAL, Pantone, NCS and on request	
CATALYSIS	15% with HDR2.001 (by weight) 20% with HDR2.001 (by volume)	
BINDER NATURE	Hydroxilated acrylic resins	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
RESISTANCES	
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
AROMATIC SOLVENTS	Good
ALIFATIC SOLVENTS	Really Good
TEMPERATURE	Max: 90-100°C (at complete hardening)

APPLICATION	
BRUSH OR ROLLER	Dil. 5-10% TH2.002 (SLOW ACRYLIC THINNER) Do not exceed with thickness of the layers of paint (MAX 80-100 dry microns).
SPRAY	Dil. 10-20% TH2.1696 (ACRYLIC THINNER). Pressure: 3-4 bar Ø nozzle: 1.8 mm Suggested thickness (on dry film): 40-50 µm
POT LIFE	2 hours (high temperature can reduce significantly pot life times)

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HARDENING TIMES	
DUST FREE	40 mins
TOUCH FREE	2-4 mins
DEEP HARDENING	8-10 hours
COMPLETE HARDENING	7 days
POT LIFE	2 hours (with high temperatures pot life time can be lower)
<i>Hardening times can change significantly according to temperature and thickness of the application.</i>	

<b>OVERPAINTING</b>
The product is suitable for overpainting once applied. Within 24 hours after application, it is advisable to sand finely.
<b>SURFACES PREPARATIONS</b>
Cement surfaces must be dry, clean and free of crumbling parts or debris that could in any way cause the paint to detach. It is best to make the surface on which the product will be applied rough to facilitate absorption of the paint.
<b>ENVIROMENTAL CONDITIONS</b>
Particularly cold temperatures or environments with high relative humidity can slow down or change the characteristics of the system, which is affected during the painting phase by atmospheric conditions. We therefore recommend application and initial drying in environments with a temperature of more than 10-15°C and a maximum relative humidity of 75 %. Light rain, high humidity or the formation of condensation during the 16 hours following application can irreversibly damage the film formation. At temperatures above 25-30°C it is advisable to use a suitable retardant thinner or a larger amount of the thinner normally used, in order to avoid the formation of dots and bubbles (pinpricks) on the paint film.
<b>TOOLS CLEANING</b>
Tools can be cleaned, by not polymerized product, with TH4.1000 NITRO THINNER.



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### STORAGE

In fresh and low humidity places, avoiding direct contact with sunlight and in a well sealed can, 2AS3 is stable for 18 months. His hardener, in the same conditions, is stable 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.