

## TECHNICAL DATA SHEET

Trade name: **ACRILFIN SL**Serie: **567**Date of issue: **october 2002**Revision: **october 2018**

### DESCRIPTION

High performance semi-glossy acrylic direct to metal enamel with very good anticorrosive properties and outdoor resistances. Suitable for steel and galvanized steel surfaces. Fields of use: industrial vehicles, on chasses and caissons, machineries, carpentries and metal products in general.

### TECHNICAL DATA

• <b>Codes</b>	Base product	567...
	Hardener	872003 (see notes)
	Thinner	914000
• <b>Mixing ratio</b>	By weight	100 : 20
	By volume	100 : 25
• <b>Pot-life</b>	Hours	3
• <b>Solids by volume</b>	%	48 ± 2
• <b>Specific gravity</b>	g/l	1200 ± 50
• <b>Film thickness</b>	Micron	60
• <b>Theoretical coverage</b>	m <sup>2</sup> /l	8
	m <sup>2</sup> /kg	6.7
• <b>Appearance</b>		semi-glossy
• <b>Temperature resistance</b>	°C	120
• <b>Shelf life</b>	Months	12

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- Surface preparation**

New steel: commercial sandblasting grade Sa 2  
 Oxidized steel without millscale: hand or mechanical brushing grade St 3.  
 Galvanized steel: mechanical roughening with scotch brite or light sandsweeping and careful degreasing.
- Application condition**

Temperature	°C	5 ÷ 35
Relative humidity	%	0 ÷ 85
- Application methods**

Conventional spray			
Fluid tip orifice size	Inches	0.070	
Air pressure	kg/cm <sup>2</sup>	3.5 ÷ 5.2	
Thinning by weight	%	5 ÷ 15	
Airless			
Fluid tip orifice size	Inches	0.018 ÷ 0.021	
Fluid pump		30 : 1	
Fluid pressure	kg/cm <sup>2</sup>	130 ÷ 160	
Thinning by weight	%	0 ÷ 5	
Brush			
Thinning by weight	%	0 ÷ 10	
Roller			
Thinning by weight	%	0 ÷ 10	
- Drying time**  
(T. 20°C - R. H. 60%)

Touch dry	Hard dry	Overcoating time	
(hrs)	(hrs)	Min (hrs)	Max (hrs)
3 ÷ 4	18 ÷ 24	24	-
- Recommended primers and topcoats**

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- Notes**

872003 aliphatic hardener at 20% wt, 25% vol.  
 872004 aliphatic/aromatic hardener at 20% wt, 25% vol.  
 For outdoor uses and when high aesthetic performances are requested it's absolutely necessary employ the aliphatic hardener 872003.

This sheet gives the technical data based on our best technical and practical experience. However, due to the variable environment conditions or individual application systems we cannot bear any direct or indirect liability or give any guarantee for the use of our products. The customer has to verify the product's suitability for the requested use. For more technical information and details please contact our technical service.

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