

Technical data sheet • Rev. 03/13

135 HYDROPUR F/F SEMIGLOSS

ACRYLIC-POLYURETHANE WATERSOLUBLE SEMIGLOSS ONE COAT FINISH

USES

High-performance monolayer, suitable for the coating of commercial vehicles, on frames and tippers, industrial machinery and carpentries.

MAIN FEATURES

- Excellent adhesion on steel, galvanized steel, aluminum and light alloys
- Excellent corrosion protection
- Excellent outdoor resistances
- Fast drying
- Wide versatility

TECHNICAL DATA

• Codes	base product	135 ...
	hardener	170003 ^{NOTE}
	thinner	water
• Mixing ratio	by weight	100 : 10
• Pot-life	hours	2
• Solids by volume	%	45 ± 2
• Specific gravity	g/l	1370 ± 50
• Film thickness	micron	60
• Theoretical coverage	m ² /l	7.5
	m ² /kg	5.5
• Aspect		semigloss
• Temperature resistance	°C	70
• Shelf-life	months	6
(Temperature 10 ÷ 35°C)		

SURFACE PREPARATION

- NEW STEEL: commercial sandblasting
 - OXIDIZED STEEL WITHOUT MILLSCALE: hand or mechanical brushing
 - GALVANIZED STEEL, ALUMINUM AND LIGHT ALLOYS: mechanical roughening with scotch brite or light sandsweeping and careful degreasing.^{NOTE}
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APPLICATION CONDITION

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|---------------------|----|---------|
| • Temperature | °C | 10 ÷ 35 |
| • Relative humidity | % | 5 ÷ 80 |
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APPLICATION METHODS

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|----------------------|--------------------|---------------|
| • Conventional spray | | |
| - Nozzle | inches | 0.070 |
| - Air pressure | kg/cm ² | 3 ÷ 5 |
| - Thinning by weight | % | 5 ÷ 10 |
| • Airless | | |
| - Nozzle | inches | 0.015 ÷ 0.018 |
| - Fluid pump | | 30 : 1 |
| - Air pressure | kg/cm ² | 130 ÷ 170 |
| - Thinning by weight | % | 0 ÷ 5 |
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DRYING TIME (T. 20°C - R. U. 60%)

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|------------------------|-------|---------|
| • Touch dry | hours | 2 ÷ 3 |
| • Hard dry | hours | 24 ÷ 36 |
| • Overcoating time/min | hours | 18 |
| • Overcoating time/max | hours | - |
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RECOMMENDED PRIMERS AND TOPCOATS

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NOTES

- For difficult substrates or subjected to operating in hard conditions, it's recommended the hardener EXTRA 170007 at 10% by weight.
 - Because of the variability in the composition of light alloys in general, it's always recommended practice test on the surface to be treated.
 - For best results it's recommended the mechanical mixing of the two components.
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WARNINGS

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.