

Technical data sheet • Rev. 03/13

130 HYDROEPOX F/F

EPOXY HIGH-PERFORMANCE WATERSOLUBLE MONOLAYER

USES

Suitable for high-quality coating of machine tools, equipment and industrial plants, carpentries and metal products in general.

MAIN FEATURES

- Excellent adhesion on steel, galvanized steel, aluminum and light alloys
- Excellent corrosion protection
- Excellent chemical resistance
- High surface hardness
- Wide versatility

TECHNICAL DATA

• Codes	base product	130 ...
	hardener	111002
	thinner	water
• Mixing ratio	by weight	100 : 15
• Pot-life	hours	2
• Solids by volume	%	46 ± 2
• Specific gravity	g/l	1300 ± 50
• Film thickness	micron	60
• Theoretical coverage	m ² /l	7.7
	m ² /kg	5.9
• Aspect		semi-gloss
• Temperature resistance	°C	100
• Shelf-life (Temperature 10 ÷ 35°C)	months	6

SURFACE PREPARATION

- NEW STEEL: sandblasting near to white metal
- 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}

APPLICATION CONDITION

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

APPLICATION METHODS

- | | | |
|----------------------|--------------------|---------------|
| • 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 | 140 ÷ 170 |
| - Thinning by weight | % | 0 ÷ 5 |

DRYING TIME (T. 20°C - R. U. 60%)

- | | | |
|------------------------|-------|---------|
| • Touch dry | hours | 2 ÷ 3 |
| • Hard dry | hours | 24 ÷ 36 |
| • Overcoating time/min | hours | 24 |
| • Overcoating time/max | hours | - |

RECOMMENDED PRIMERS AND TOPCOATS

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NOTES

- It is recommended to wait 15' between the mixing of the two components and the application.
- The product reaches the maximum hardening and performance after drying for 30 'at 60° C.
- Not recommended, if required aesthetic performance, as last hand to be exposed outside.
- Because of the variability in the composition of light alloys in general, it is always recommended practice adhesion test on the surface to be treated.

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.