

2 C
EPOXY SEALER MIO
Data Sheet

06/08/99/code 3041

Description of the product:

Epoxy Sealer MIO is an intermediate two component epoxy paint, based on micaceous iron. It is suitable as an intermediate coat on an anti-corrosion primer and can be sprayed upon with most one and two component paints.

Technical characteristics :**Physical properties :**

- Density 20° C (ISO 2811) :
- | | |
|------------|--------------------------------|
| Paint A | 1.500 ± 0.05 g/cm ³ |
| Hardener B | 0.930 ± 0.02 g/cm ³ |
| Diluter C | 0.910 ± 0.02 g/cm ³ |
- Mixing ratio :

	A. Paint	B. Hardener	C. Diluter
Weight	100 gr.	20 gr.	20 gr.
Volume	100 cc	30 cc	30 cc

- Viscosity at 20° C DIN CUP 4 (DIN 53 211) :
- | | |
|-----------|----------------|
| A+ B | 3 min. ± 30 s. |
| A + B + C | 36 s. ± 2 s. |

- Solids content (A + B) (ASTM D 2697 - 68) :
- | | |
|-----------|--------------|
| in weight | : 61% ± 1% |
| in volume | : 44.5% ± 1% |

- Theoretical yield : 60 µm dry : 5 m²/kg

- Drying times (RCI drying recorder) :
- | | |
|----------|-----------|
| dustfree | : 10 min. |
| tackfree | : 5 hours |
| hard | : 8 hours |

- Can be covered by gun application.

If the time between two layers exceeds 48 hours, it is recommended to roughen the surface.

- Pot life : 6 hours (20° C)
 - Gloss (ISO 2813) : < 50% 60° C
 - Colour : brown / black

2 C
EPOXY SEALER MIO
Data Sheet

6-8-99/code 3041

Test results :

- Adhesion (ISO 2409)	: Gt = 0
- Mandrel test (ASTM 1737 D)	: 8 mm
- Elasticity (ISO 1520)	: 6 mm
- Salt spray (ISO 7253 NaCl) on metal	: 240 h. 40 µm dry.
- Resistance to distilled water	: 240 h. 40 µm dry.
- Resistance to fuel	: 240 h. 40 µm dry.

Application method :

Pneumatic gun, airless application, airmix, or two component spraying machine.

	Pressure	Nozzle	Viscosity
Airgun	3 à 4 Kg	1.5 mm	22s DIN 4

Electrostatic application possible.

Cleaning of the material :

Dilute and clean working tools with thinner code 3043.

Storage :

Min. temperature	: 10° C
Max. temperature	: 50° C
Relative humidity	: max. 85%

As of date of delivery, in original, closed drums :

Paint A	: 12 months.
Hardener B	: 6 months.
Diluter C	: 12 months.

Transport details :

Flash point	: 21° - 55° C
IMCO	: 3.3

This data sheet is only given for your information and is the result of our knowledge and experience today. We give no guarantee, nor do we assume any liability concerning the use of the product. Any claim under this warranty must be made within 3 months upon reception of the goods. Product data are subject to change in case of adaptations of characteristics in the raw material. This data sheet cancels and replaces all previous ones.