FreiLacke

FREIOTHERM-ATL-Catalysator
WA4938HRU905

Characteristics	■ Anodic electrocoat paint depositable 1K	
	■ Application, e.g. in the mechanical engineering and plant construction sector	
	■ Special Paste	
	■ Very good corrosion protection	
Technical / Physical Data	■ Binder-Base	Acrylic-Epoxy Resin
	■ Colour	black Based on the specified colour template (i.e. RAL)
	■ Solid Mass DIN EN ISO 3251	53-57 %
	■ Density calculated	1,05 g/cm³
	■ MEQ-Base-Value DIN EN ISO 15880	28-39
	■ Viscosity	2000-6000 mPa.s
	■ Test layer thickness	12-25 µm
Mechanical Test	■ on steel, purified alkaline	
	■ Cross-cut-test DIN EN ISO 2409	Gt 0
Processing and application Dependent on plant and buildings	■ **Pretreatment** The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue.	
	■ Gloss value DIN EN ISO 2813	40-60 geometry 60°
	■ pH-Value	8,3-8,6
	■ Cunductance	1700-2700 µS/cm
	■ Solid Mass DIN EN ISO 3251	17-19 %
	■ MEQ-Base-Value DIN EN ISO 15880	55-65 mg/g
	■ Organic Solvent Content	0,6-2,0 %
	■ Bath Temperature	24-27 °C
	■ Coating Time	60-180 seconds
	■ Deposition Voltage	100-220 voltage
	■ **Health & Safety at Work guidlines** The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.	
Curing	■ **Object temperature** Recommended baking temperature 30 Min./120 °C green cross-hatching = baking conditions with good final properties	

DIN EN ISO 9001
IATF 16949
EMAS

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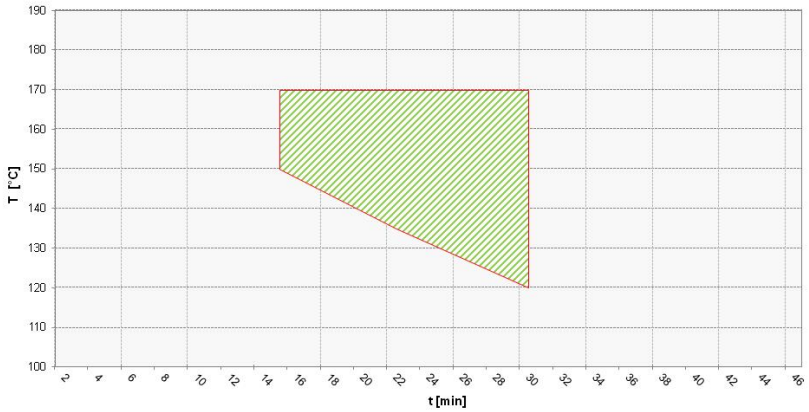

Resistance to storage

- One Turn-Over per year

Approx. 12 month in original packagings at an ambient temperature of 5 to 25 °C. Protect from frost. Open packages are to be used within a short time.

The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.

Specific comments

- **Test conditions**
  All information is based on a standard climate 23/50 DIN EN 23270.
  All information is based on our product knowledge an experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.
  The information provided here contains reference values and does not constitute a specification.

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