FreiLacke

FREIOTHERM-ATL-Low-Solvent
WA4187HRU916

Characteristics	■ Anodic electrocoat paint depositable 2K	
	■ Application, e.g. in the construction and sanitary sector	
	■ Pigment paste, fully neutralised	
	■ Primer	
	■ Good Allround Properties	
Technical / Physical Data	■ Binder-Base	Acrylic Resin
	■ Colour	traffic white Based on the specified colour template (i.e. RAL)
	■ Solid Mass DIN EN ISO 3251	65-69 %
	■ Density calculated	1,43 g/cm³
	■ MEQ-Base-Value DIN EN ISO 15880	28-35
	■ Viscosity	4000-8000 mPa.s
	■ Test layer thickness	8-12 µm
Mechanical Test	■ on iron phosphating	
	■ Cross-cut-test DIN EN ISO 2409	Gt 0
Resistance Test	■ on iron phosphating	
	■ Condensate constant climate DIN EN ISO 6270-2 (CH)	504 hours water ingress Wb <1 mm DIN EN ISO 4628-8
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.	
	■ Mixing ratio	1 : 1 WA4027:WA4187
	■ Gloss value DIN EN ISO 2813	25-45 geometry 60°
	■ pH-Value	8,2-8,6
	■ Cunductance	1100-1400 µS/cm
	■ Solid Mass DIN EN ISO 3251	16-18 %
	■ MEQ-Base-Value DIN EN ISO 15880	30-33 mg/g
	■ Organic Solvent Content	0,4-0,8 %
	■ Bath Temperature	24-27 °C
	■ Coating Time	60-180 seconds
	■ Deposition Voltage	70-200 voltage
	■ **Health & Safety at Work guidlines**	

DIN EN ISO 9001
IATF 16949
EMAS

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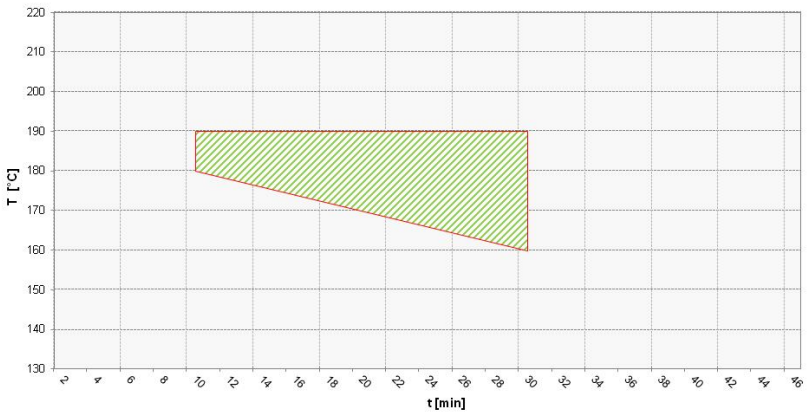
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Curing

Object temperature
Recommended baking temperature 20 Min./170 °C

green cross-hatching = baking conditions with good final properties



Resistance to storage

One Turn-Over per year

Approx. 6 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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