



FREIOTHERM-ATL-CorrosionResist

WA4907HRU905

Characteristics	■ Anodic electrocoat paint depositable 1K ■ Application, e.g. in the job coater sector ■ Subsequent paste filling, fully neutralised ■ Single coat system ■ Release Properties	
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 58-62 % ■ Density calculated 1,08 g/cm³ ■ MEQ-Base-Value DIN EN ISO 15880 36-43 ■ Viscosity 2000-6000 mPa.s ■ Test layer thickness 15-25 µm	
Mechanical Test	■ on aluminium / aluminium pressure casting ■ Cross-cut-test DIN EN ISO 2409 Gt 0 ■ Buchholz penetration test DIN EN ISO 2815 0,8 mm	
Resistance Test	■ on aluminium / aluminium pressure casting ■ Salt spray test (NSS) DIN EN ISO 9227 120 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. ■ Gloss value DIN EN ISO 2813 65-75 geometry 60° ■ pH-Value 8,2-9,0 ■ Conductance 1000-1400 µS/cm ■ Solid Mass DIN EN ISO 3251 13-15 % ■ MEQ-Base-Value DIN EN ISO 15880 40-50 mg/g ■ Organic Solvent Content 0,8-1,5 % ■ Bath Temperature 24-27 °C ■ Coating Time 60-180 seconds ■ Deposition Voltage 160-300 voltage ■ Health & Safety at Work guidelines	

Our technical data sheets are to provide you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications. The sale of our products is in accordance with our terms of business and delivery.



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Curing

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.

■ 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. 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 and 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.