



FREIOTHERM-ATL-Special

WA4181HRU910

Characteristics	■ Anodic electrocoat paint depositable 1K ■ Application, e.g. in the construction and sanitary sector ■ Subsequent paste filling, partly neutralised ■ Primer ■ For galvanised bases	
Technical / Physical Data	■ Binder-Base Acrylic-Polyester Resin ■ Colour pure white Based on the specified colour template (i.e. RAL) ■ Solid Mass DIN EN ISO 3251 68-72 % ■ Density calculated 1,235 g/cm³ ■ MEQ-Base-Value DIN EN ISO 15880 28-35 ■ Viscosity 2000-6000 mPa.s ■ Test layer thickness 30-35 µm	
Mechanical Test	■ on zinc ■ Cross-cut-test DIN EN ISO 2409 Gt 1	
Resistance Test	■ on zinc ■ Condensate constant climate DIN EN ISO 6270-2 (CH) 504 hours water ingress Wb <1 mm DIN EN ISO 4628-8 ■ Corrosion Protection Class DIN EN ISO 12944/ Part 2 C 4	
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 30-50 geometry 60° ■ pH-Value 8,8-9,8 ■ Conductance 1100-1400 µS/cm ■ Solid Mass DIN EN ISO 3251 12,0-14,0 % ■ MEQ-Base-Value DIN EN ISO 15880 30-37 mg/g ■ Organic Solvent Content 0,9-2,2 % ■ Bath Temperature 24-27 °C ■ Coating Time 60-180 seconds ■ Deposition Voltage 100-240 voltage ■ Over-coating capability Preparation: Sanding with fine grain size (e.g.	

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.



FREIOTHERM-ATL-Special

WA4181HRU910

240). Recommendation: Acrylate-based top coat; alkyd-based coatings are not suitable for recoating !

Health & Safety at Work guidelines

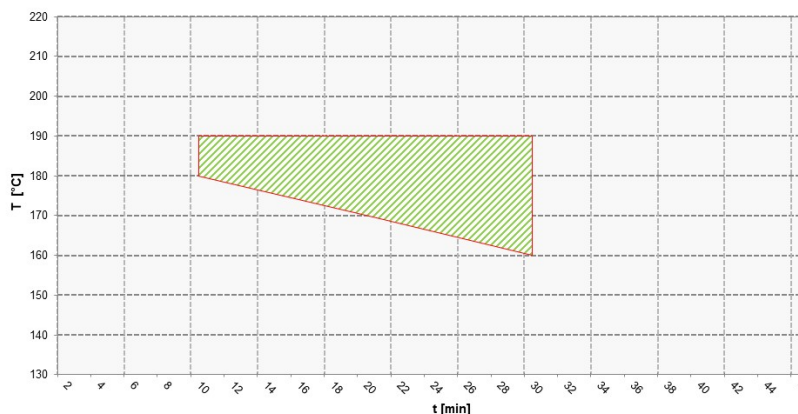
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

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. 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.