



FREIOTHERM-ATL-Fast Reactive

WA4103HRU910

Characteristics	■ Anodic electrocoat paint depositable 1K ■ Application, e.g. in the construction and sanitary sector ■ Subsequent paste filling, partly neutralised ■ Primer	
Technical / Physical Data	■ Binder-Base Acrylic Resin ■ Colour pure white Based on the specified colour template (i.e. RAL) ■ Solid Mass DIN EN ISO 3251 68-72 % ■ Density calculated 1,23 g/cm³ ■ MEQ-Base-Value DIN EN ISO 15880 25-32 ■ Viscosity 5000-10000 mPa.s ■ Test layer thickness 20-25 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. ■ Gloss value DIN EN ISO 2813 30-60 geometry 60° ■ pH-Value 8,0-9,0 ■ Conductance 900-1300 µS/cm ■ Solid Mass DIN EN ISO 3251 11-13 % ■ MEQ-Base-Value DIN EN ISO 15880 40-45 mg/g ■ Organic Solvent Content 0,8-2,0 % ■ Bath Temperature 24-27 °C ■ Coating Time 60-180 seconds ■ Deposition Voltage 70-200 voltage ■ 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.	

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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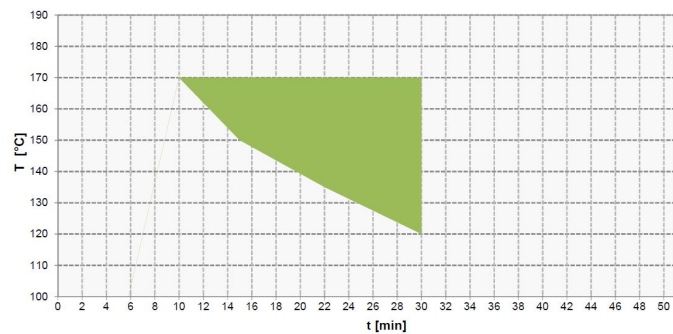
Curing

■ Object temperature

Recommended baking temperature 20 Min./130 °C

green cross-hatching = baking conditions with good final properties

Objekt Temperatur °C	120	135	150
Object Temperature °C	120	135	150
Haltezeit Minimum Minuten	30	22,5	15
Holding time minimum Minutes	30	22,5	15
Haltezeit Maximum Minuten	40	30	20
Holding time maximum Minutes	40	30	20



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.