



FREIOTHERM-ATL-Special

WA4913HRU902

Characteristics	■ Anodic electrocoat paint depositable 1K ■ Application, e.g. in the construction and sanitary sector ■ Subsequent paste filling, partly neutralised	
Technical / Physical Data	■ Binder-Base Acrylic Resin ■ Colour grey white Based on the specified colour template (i.e. RAL) ■ Solid Mass 63-67 % DIN EN ISO 3251 ■ Density 1,23 g/cm³ calculated ■ MEQ-Base-Value 28-35 DIN EN ISO 15880 ■ Viscosity 2000-6000 mPa.s ■ Test layer thickness 15-35 µm	
Mechanical Test	■ on phosphate free conversion ■ Cross-cut-test Gt 0 DIN EN ISO 2409 ■ Mandrel bending test cylindrical 8 mm DIN EN ISO 1519	
Resistance Test	■ on phosphate free conversion ■ Condensate constant climate 504 hours DIN EN ISO 6270-2 (CH) 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. For more demanding requirements on corrosion inhibiting properties, we recommend suitable conversion processes (e.g. phosphatizing). ■ Gloss value 30-50 geometry 60° DIN EN ISO 2813 ■ pH-Value 8,3-8,7 ■ Conductance 1100-1450 µS/cm ■ Solid Mass 11,0-12,5 % DIN EN ISO 3251 ■ MEQ-Base-Value 45-55 mg/g DIN EN ISO 15880 ■ Organic Solvent Content 1,2-2,2 % ■ Bath Temperature 24-27 °C ■ Coating Time 120-240 seconds ■ Deposition Voltage 100-260 voltage ■ Health & Safety at Work guidelines The standard personal safety precautions must be observed when handling	

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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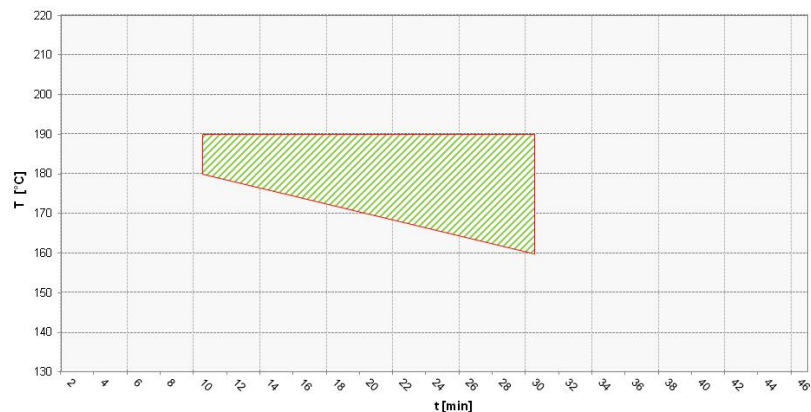
Curing

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.