



FREIOTHERM-ATL-Special

WA4100HRU916

Characteristics	<ul style="list-style-type: none"> ■ Anodic electrocoat paint depositable 1K ■ Application, e.g. in the job coater sector ■ Subsequent paste filling, partly neutralised ■ Primer and single coat system 														
Technical / Physical Data	<table border="1"> <tr> <td>■ Binder-Base</td> <td>Acrylic Resin</td> </tr> <tr> <td>■ Colour</td> <td>traffic white Based on the specified colour template (i.e. RAL)</td> </tr> <tr> <td>■ Solid Mass DIN EN ISO 3251</td> <td>68-72 %</td> </tr> <tr> <td>■ Density calculated</td> <td>1,21 g/cm³</td> </tr> <tr> <td>■ MEQ-Base-Value DIN EN ISO 15880</td> <td>19-25</td> </tr> <tr> <td>■ Viscosity</td> <td>4000-8000 mPa.s</td> </tr> <tr> <td>■ Test layer thickness</td> <td>20-30 µm</td> </tr> </table>	■ Binder-Base	Acrylic Resin	■ Colour	traffic white Based on the specified colour template (i.e. RAL)	■ Solid Mass DIN EN ISO 3251	68-72 %	■ Density calculated	1,21 g/cm ³	■ MEQ-Base-Value DIN EN ISO 15880	19-25	■ Viscosity	4000-8000 mPa.s	■ Test layer thickness	20-30 µm
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Mechanical Test	<ul style="list-style-type: none"> ■ on aluminium / aluminium pressure casting ■ Cross-cut-test DIN EN ISO 2409 <td style="text-align: right;">Gt 0</td> 	Gt 0													
Resistance Test	<ul style="list-style-type: none"> ■ on aluminium / aluminium pressure casting ■ Condensate constant climate DIN EN ISO 6270-2 (CH) <td style="text-align: right;">504 hours water ingress Wb <1 mm DIN EN ISO 4628-8</td> 	504 hours water ingress Wb <1 mm DIN EN ISO 4628-8													
Processing and application Dependent on plant and buildings	<ul style="list-style-type: none"> ■ 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 <td style="text-align: right;">60-80 geometry 60°</td> ■ pH-Value <td style="text-align: right;">8,2-8,8</td> ■ Cunductance <td style="text-align: right;">1400-2000 µS/cm</td> ■ Solid Mass DIN EN ISO 3251 <td style="text-align: right;">12-14 %</td> ■ MEQ-Base-Value DIN EN ISO 15880 <td style="text-align: right;">30-35 mg/g</td> ■ Organic Solvent Content <td style="text-align: right;">1,5-2,2 %</td> ■ Bath Temperature <td style="text-align: right;">24-27 °C</td> ■ Coating Time <td style="text-align: right;">60-180 seconds</td> ■ Deposition Voltage <td style="text-align: right;">130-260 voltage</td> ■ 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. 	60-80 geometry 60°	8,2-8,8	1400-2000 µS/cm	12-14 %	30-35 mg/g	1,5-2,2 %	24-27 °C	60-180 seconds	130-260 voltage					

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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<p>Curing</p>	<ul style="list-style-type: none"> ■ Object temperature Recommended baking temperature 20 Min./170 °C <p>green cross-hatching = baking conditions with good final properties</p>
<p>Resistance to storage</p>	<ul style="list-style-type: none"> ■ One Turn-Over per year <p>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.</p> <p>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.</p>
<p>Specific comments</p>	<ul style="list-style-type: none"> ■ Test conditions <p>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.</p>