



FREIOTHERM-ATL-Special
WA4171HRU916

Characteristics	<ul style="list-style-type: none"> ■ Anodic electrocoat paint depositable 1K ■ Application, e.g. in the construction and sanitary sector ■ Subsequent paste filling, partly neutralised ■ Primer ■ Release Properties 																						
Technical / Physical Data	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">■ 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 <small>DIN EN ISO 3251</small></td> <td>68-72 %</td> </tr> <tr> <td>■ Density <small>calculated</small></td> <td>1,27 g/cm³</td> </tr> <tr> <td>■ MEQ-Base-Value <small>DIN EN ISO 15880</small></td> <td>7-16</td> </tr> <tr> <td>■ Viscosity</td> <td>4000-6000 mPa.s</td> </tr> <tr> <td>■ Test layer thickness</td> <td>18-22 μm</td> </tr> </table>	■ Binder-Base	Acrylic Resin	■ Colour	traffic white Based on the specified colour template (i.e. RAL)	■ Solid Mass <small>DIN EN ISO 3251</small>	68-72 %	■ Density <small>calculated</small>	1,27 g/cm ³	■ MEQ-Base-Value <small>DIN EN ISO 15880</small>	7-16	■ Viscosity	4000-6000 mPa.s	■ Test layer thickness	18-22 μm								
■ Binder-Base	Acrylic Resin																						
■ Colour	traffic white Based on the specified colour template (i.e. RAL)																						
■ Solid Mass <small>DIN EN ISO 3251</small>	68-72 %																						
■ Density <small>calculated</small>	1,27 g/cm ³																						
■ MEQ-Base-Value <small>DIN EN ISO 15880</small>	7-16																						
■ Viscosity	4000-6000 mPa.s																						
■ Test layer thickness	18-22 μm																						
Mechanical Test	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">■ on aluminium / aluminium pressure casting</td> </tr> <tr> <td>■ Cross-cut-test <small>DIN EN ISO 2409</small></td> <td>Gt 0</td> </tr> </table>	■ on aluminium / aluminium pressure casting		■ Cross-cut-test <small>DIN EN ISO 2409</small>	Gt 0																		
■ on aluminium / aluminium pressure casting																							
■ Cross-cut-test <small>DIN EN ISO 2409</small>	Gt 0																						
Resistance Test	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">■ on aluminium / aluminium pressure casting</td> </tr> <tr> <td>■ Condensate constant climate <small>DIN EN ISO 6270-2 (CH)</small></td> <td>504 hours water ingress Wb <1 mm <small>DIN EN ISO 4628-8</small></td> </tr> </table>	■ on aluminium / aluminium pressure casting		■ Condensate constant climate <small>DIN EN ISO 6270-2 (CH)</small>	504 hours water ingress Wb <1 mm <small>DIN EN ISO 4628-8</small>																		
■ on aluminium / aluminium pressure casting																							
■ Condensate constant climate <small>DIN EN ISO 6270-2 (CH)</small>	504 hours water ingress Wb <1 mm <small>DIN EN ISO 4628-8</small>																						
Processing and application Dependent on plant and buildings	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">■ Pretreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue.</td> </tr> <tr> <td>■ Gloss value <small>DIN EN ISO 2813</small></td> <td>65-75 geometry 60°</td> </tr> <tr> <td>■ pH-Value</td> <td>8,2-8,8</td> </tr> <tr> <td>■ Conductance</td> <td>1600-2400 μS/cm</td> </tr> <tr> <td>■ Solid Mass <small>DIN EN ISO 3251</small></td> <td>12-14 %</td> </tr> <tr> <td>■ MEQ-Base-Value <small>DIN EN ISO 15880</small></td> <td>30-32 mg/g</td> </tr> <tr> <td>■ Organic Solvent Content</td> <td>1,5-2,2 %</td> </tr> <tr> <td>■ Bath Temperature</td> <td>24-27 °C</td> </tr> <tr> <td>■ Coating Time</td> <td>60-180 seconds</td> </tr> <tr> <td>■ Deposition Voltage</td> <td>130-260 voltage</td> </tr> <tr> <td colspan="2">■ 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</td> </tr> </table>	■ 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 <small>DIN EN ISO 2813</small>	65-75 geometry 60°	■ pH-Value	8,2-8,8	■ Conductance	1600-2400 μS/cm	■ Solid Mass <small>DIN EN ISO 3251</small>	12-14 %	■ MEQ-Base-Value <small>DIN EN ISO 15880</small>	30-32 mg/g	■ Organic Solvent Content	1,5-2,2 %	■ Bath Temperature	24-27 °C	■ Coating Time	60-180 seconds	■ Deposition Voltage	130-260 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	
■ 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 <small>DIN EN ISO 2813</small>	65-75 geometry 60°																						
■ pH-Value	8,2-8,8																						
■ Conductance	1600-2400 μS/cm																						
■ Solid Mass <small>DIN EN ISO 3251</small>	12-14 %																						
■ MEQ-Base-Value <small>DIN EN ISO 15880</small>	30-32 mg/g																						
■ Organic Solvent Content	1,5-2,2 %																						
■ Bath Temperature	24-27 °C																						
■ Coating Time	60-180 seconds																						
■ Deposition Voltage	130-260 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																							



FREIOTHERM-ATL-Special
WA4171HRU916

	<p>recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.</p>
<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 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.