



# FREIOTHERM-ATL-Special

## WA4040HRU999

<b>Characteristics</b>	<ul style="list-style-type: none"> <li>■ Anodic electrocoat paint depositable 1K</li> <li>■ Application, e.g. in the construction and sanitary sector</li> <li>■ Subsequent paste filling, partly neutralised</li> <li>■ Single coat system</li> <li>■ Release Properties</li> </ul>	
<b>Technical / Physical Data</b>	<ul style="list-style-type: none"> <li>■ Binder-Base Acrylic Resin</li> <li>■ Colour colourless</li> <li>■ Solid Mass 53-57 % DIN EN ISO 3251</li> <li>■ Density 1,01 g/cm<sup>3</sup> calculated</li> <li>■ MEQ-Base-Value 51-57 DIN EN ISO 15880</li> <li>■ Viscosity 1500-3000 mPa.s</li> <li>■ Test layer thickness 5-15 µm</li> </ul>	
<b>Mechanical Test</b>	<ul style="list-style-type: none"> <li>■ on aluminium / aluminium pressure casting</li> <li>■ Cross-cut-test Gt 0 DIN EN ISO 2409</li> </ul>	
<b>Resistance Test</b>	<ul style="list-style-type: none"> <li>■ on aluminium / aluminium pressure casting</li> <li>■ Condensate constant climate 504 hours DIN EN ISO 6270-2 (CH) water ingress Wb &lt;1 mm DIN EN ISO 4628-8</li> </ul>	
<b>Processing and application</b> Dependent on plant and buildings	<ul style="list-style-type: none"> <li>■ <b>Pretreatment</b> The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue.</li> <li>■ Gloss value 90-120 geometry 60° DIN EN ISO 2813</li> <li>■ pH-Value 8,0-8,6</li> <li>■ Cunductance 1200-1500 µS/cm</li> <li>■ Solid Mass 13-15 % DIN EN ISO 3251</li> <li>■ MEQ-Base-Value 40-45 mg/g DIN EN ISO 15880</li> <li>■ Bath Temperature 24-27 °C</li> <li>■ Coating Time 60-180 seconds</li> <li>■ Deposition Voltage 50-150 voltage</li> <li>■ <b>Health &amp; Safety at Work guidlines</b> The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health &amp; Safety at Work and environmental protection can be found in the corresponding safety data sheet.</li> </ul>	



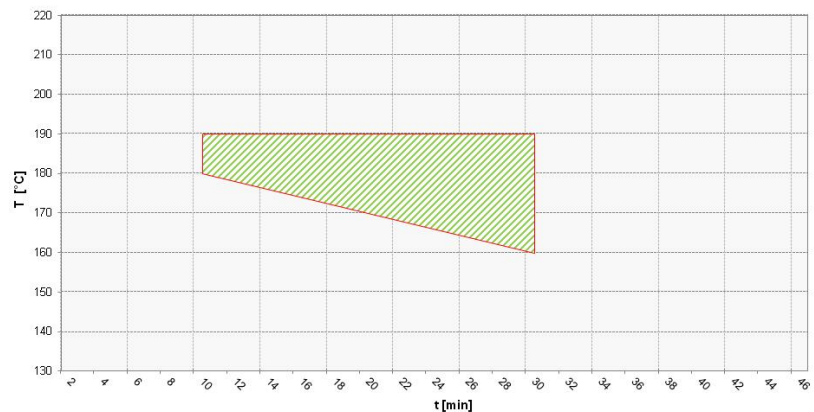
# **FREIOTHERM-ATL-Special** **WA4040HRU999**

## **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.