



## FREIOTHERM-ATL-Special

### WA4904HRU905

<b>Characteristics</b>	<ul style="list-style-type: none"> <li>■ Anodic electrocoat paint depositable 1K</li> <li>■ Application, e.g. in the functional furniture and storage technology sector</li> <li>■ Subsequent paste filling, fully neutralised</li> <li>■ Primer and single coat system</li> </ul>	
<b>Technical / Physical Data</b>	<ul style="list-style-type: none"> <li>■ Binder-Base Acrylic Resin</li> <li>■ Colour black Based on the specified colour template (i.e. RAL)</li> <li>■ Solid Mass DIN EN ISO 3251 63-67 %</li> <li>■ Density calculated 1,06 g/cm<sup>3</sup></li> <li>■ MEQ-Base-Value DIN EN ISO 15880 51-57</li> <li>■ Viscosity 3000-8000 mPa.s</li> <li>■ Test layer thickness 18-22 µm</li> </ul>	
<b>Mechanical Test</b>	<ul style="list-style-type: none"> <li>■ on steel, purified alkaline</li> <li>■ Cross-cut-test DIN EN ISO 2409 Gt 0</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 DIN EN ISO 2813 45-55 geometry 60°</li> <li>■ pH-Value 8,1-8,5</li> <li>■ Conductance 1400-1900 µS/cm</li> <li>■ Solid Mass DIN EN ISO 3251 12-14 %</li> <li>■ MEQ-Base-Value DIN EN ISO 15880 56-60 mg/g</li> <li>■ Organic Solvent Content 1,4-2,0 %</li> <li>■ Bath Temperature 24-27 °C</li> <li>■ Coating Time 60-180 seconds</li> <li>■ Deposition Voltage 130-260 voltage</li> <li>■ <b>Health &amp; Safety at Work guidelines</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>	
<b>Curing</b>	<ul style="list-style-type: none"> <li>■ <b>Object temperature</b> Recommended baking temperature 20 Min./170 °C</li> </ul> <p>green cross-hatching = baking conditions with good final properties.</p>	

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.

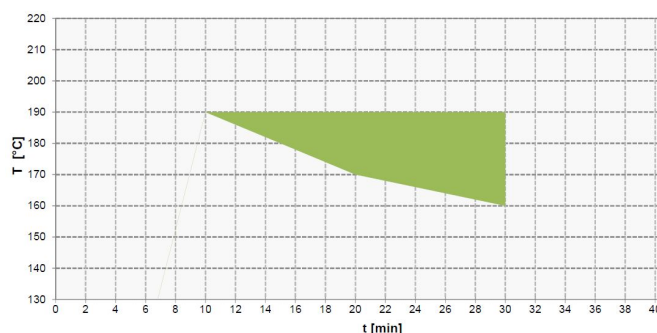


## FREIOTHERM-ATL-Special

### WA4904HRU905

The displayed baking conditions are based on results from laboratory tests and therefore merely serve as a guideline when configuring the processing company's coating systems. The processing company is responsible for ensuring that the coating is fully cured. The complete curing of the coating must be checked by means of additional analytical and resistance tests using representative original parts under production conditions. Please do not hesitate to contact us if you require consultation.

Objekt Temperatur   °C Object Temperature   °C	160	170	180
Haltezeit Minimum   Minuten Holding time minimum   Minutes	30	20	10
Haltezeit Maximum   Minuten 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.