



# FREIOTHERM-ATL-CorrosionResist

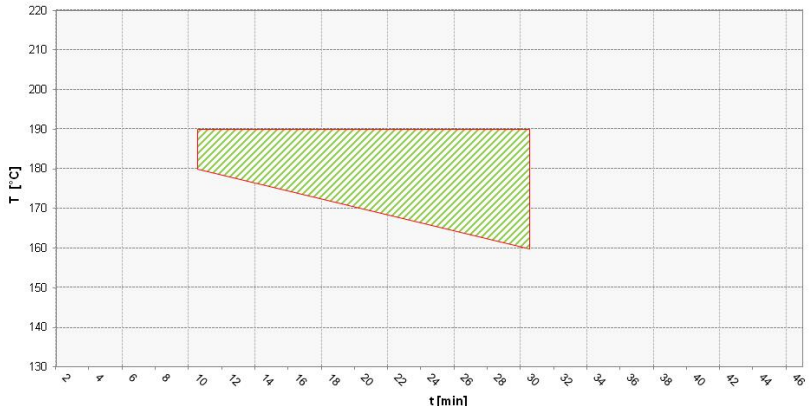
## WA4978HRU905

<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>■ Good corrosion protection</li> </ul>	
<b>Technical / Physical Data</b>	<ul style="list-style-type: none"> <li>■ Binder-Base Acrylic-Epoxy Resin</li> <li>■ Colour black Based on the specified colour template (i.e. RAL)</li> <li>■ Solid Mass DIN EN ISO 3251 58-62 %</li> <li>■ Density calculated 1,08 g/cm<sup>3</sup></li> <li>■ MEQ-Base-Value DIN EN ISO 15880 46-53</li> <li>■ Viscosity 4000-8000 mPa.s</li> <li>■ Test layer thickness 15-30 µm</li> </ul>	
<b>Mechanical Test</b>	<ul style="list-style-type: none"> <li>■ on phosphate free conversion</li> <li>■ Cross-cut-test DIN EN ISO 2409 Gt 0</li> <li>■ Mandrel bending test cylindrical DIN EN ISO 1519 8 mm</li> </ul>	
<b>Resistance Test</b>	<ul style="list-style-type: none"> <li>■ on phosphate free conversion</li> <li>■ Salt spray test (NSS) DIN EN ISO 9227 72 hours water ingress Wb &lt;2 mm DIN EN ISO 4628-8</li> <li>■ Chemical resistance Needs to be checked. The temperature and concentration of chemicals have a major influence on the test outcome.</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. For more demanding requirements on corrosion inhibiting properties, we recommend suitable conversion processes (e.g. phosphatizing).</li> <li>■ Gloss value DIN EN ISO 2813 30-50 geometry 60°</li> <li>■ pH-Value 8,3-9,0</li> <li>■ Cunductance 1500-1700 µS/cm</li> <li>■ Solid Mass DIN EN ISO 3251 12-14 %</li> <li>■ MEQ-Base-Value DIN EN ISO 15880 55-65 mg/g</li> <li>■ Organic Solvent Content 1,2-2,2 %</li> <li>■ Bath Temperature 24-27 °C</li> </ul>	



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	■ Coating Time	120-240 seconds
	■ Deposition Voltage	100-260 voltage
	■ <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 & Safety at Work and environmental protection can be found in the corresponding safety data sheet.
<b>Curing</b>	■ <b>Object temperature</b>	Recommended baking temperature 20 Min./170 °C  green cross-hatching = baking conditions with good final properties
		
<b>Resistance to storage</b>	■ 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.
<b>Specific comments</b>	■ <b>Test conditions</b>	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.