



FREIOTHERM-ATL-Low-Solvent

WA4707HR2629

Characteristics	<ul style="list-style-type: none"> ■ Anodic electrocoat paint depositable 2K ■ Application, e.g. in the functional furniture and storage technology sector ■ Subsequent paste filling, partly neutralised ■ Primer and single coat system ■ High scratch resistance 	
Technical / Physical Data	<ul style="list-style-type: none"> ■ Binder-Base Acrylic Resin ■ Colour light grey Based on the specified colour template (i.e. RAL) ■ Solid Mass DIN EN ISO 3251 68-72 % ■ Density calculated 1,48 g/cm³ ■ MEQ-Base-Value DIN EN ISO 15880 11-14 ■ Test layer thickness 15-20 µm 	
Mechanical Test	<ul style="list-style-type: none"> ■ on iron phosphating ■ Cross-cut-test DIN EN ISO 2409 Gt 0 ■ Erichsen index DIN EN ISO 1520 4 mm ■ Mandrel bending test cylindrical DIN EN ISO 1519 8 mm ■ Buchholz penetration test DIN EN ISO 2815 1,0 mm ■ Pencil Hardness acc. Wolff-Wilborn ISO 15184 3 H 	
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. ■ Mixing ratio The mixing ratio is dependent on various factors and is therefore coordinated with the relevant system in cooperation with the application technology department. ■ Gloss value DIN EN ISO 2813 40-50 geometry 60° ■ pH-Value 8,2-8,6 ■ Conductance 1300-1600 µS/cm ■ Solid Mass DIN EN ISO 3251 14-16 % ■ Organic Solvent Content 0,5-1,2 % ■ Bath Temperature 24-27 °C ■ Coating Time 60-180 seconds 	

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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	<ul style="list-style-type: none">■ Deposition Voltage 100-300 voltage												
	<ul style="list-style-type: none">■ Health & Safety at Work guidlines 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.												
Curing	<ul style="list-style-type: none">■ Object temperature Recommended baking temperature 15 Min./165 °C green cross-hatching = baking conditions with good final properties <table><tr><td>Objekt Temperatur °C Object Temperature °C</td><td>150</td><td>165</td><td>180</td></tr><tr><td>Haltezeit Minimum Minuten Holding time minimum Minutes</td><td>20</td><td>15</td><td>10</td></tr><tr><td>Haltezeit Maximum Minuten Holding time maximum Minutes</td><td>30</td><td>25</td><td>20</td></tr></table>	Objekt Temperatur °C Object Temperature °C	150	165	180	Haltezeit Minimum Minuten Holding time minimum Minutes	20	15	10	Haltezeit Maximum Minuten Holding time maximum Minutes	30	25	20
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Resistance to storage	<ul style="list-style-type: none">■ 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	<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.												