



FREIOTHERM-ATL-Special

WA4775HRU735

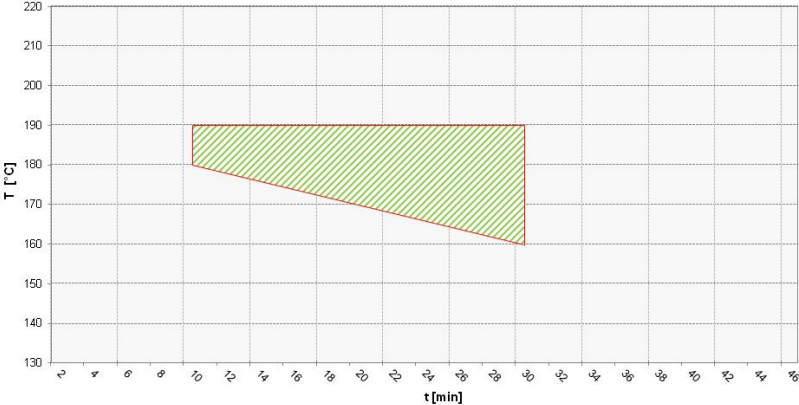
Characteristics	■ Anodic electrocoat paint depositable 1K	
	■ Application, e.g. in the functional furniture and storage technology sector	
	■ Subsequent paste filling, partly neutralised	
	■ Primer and single coat system	
	■ High scratch resistance	
Technical / Physical Data	■ Binder-Base	Acrylic Resin
	■ Colour	light grey Based on the specified colour template (i.e. RAL)
	■ Solid Mass DIN EN ISO 3251	63-67 %
	■ Density calculated	1,23 g/cm³
	■ MEQ-Base-Value DIN EN ISO 15880	21-28
	■ Viscosity	5000-10000 mPa.s
	■ Test layer thickness	18-22 µm
Mechanical Test	■ on phosphate free conversion	
	■ 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	■ 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 DIN EN ISO 2813	40-60 geometry 60°
	■ pH-Value	8,1-8,5
	■ Cunductance	1200-1500 µS/cm
	■ Solid Mass DIN EN ISO 3251	14-16 %
	■ MEQ-Base-Value DIN EN ISO 15880	38-43 mg/g
	■ Organic Solvent Content	1,0-1,6 %
	■ 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 100-230 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 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 20 Min./170 °C green cross-hatching = baking conditions with good final properties 
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.