



# FREIOTHERM-ATL-Special

## WA4771HN1201

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|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <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>■ Primer</li> <li>■ For galvanised bases</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Technical / Physical Data</b>                                      | <ul style="list-style-type: none"> <li>■ Binder-Base Acrylic-Polyester Resin</li> <li>■ Colour novoferm grey<br/>Based on the specified colour template (i.e. RAL)</li> <li>■ Solid Mass<br/>DIN EN ISO 3251 68-72 %</li> <li>■ Density<br/>calculated 1,28 g/cm<sup>3</sup></li> <li>■ MEQ-Base-Value<br/>DIN EN ISO 15880 29-36</li> <li>■ Viscosity 5000-9000 mPa.s</li> <li>■ Test layer thickness 15-25 µm</li> </ul>                                                                                                                                                                                                                                                                                                           |  |
| <b>Mechanical Test</b>                                                | <ul style="list-style-type: none"> <li>■ on zinc</li> <li>■ Cross-cut-test<br/>DIN EN ISO 2409 Gt 1</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Resistance Test</b>                                                | <ul style="list-style-type: none"> <li>■ on zinc</li> <li>■ Condensate constant climate<br/>DIN EN ISO 6270-2 (CH) 504 hours<br/>water ingress Wb &lt;1 mm<br/>DIN EN ISO 4628-8</li> <li>■ Corrosion Protection Class<br/>DIN EN ISO 12944/ Part 2 C 4</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Processing and application</b><br>Dependent on plant and buildings | <ul style="list-style-type: none"> <li>■ <b>Pretreatment</b><br/>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<br/>DIN EN ISO 2813 25-40 geometry 60°</li> <li>■ pH-Value 8,0-8,8</li> <li>■ Cunductance 1000-1400 µS/cm</li> <li>■ Solid Mass<br/>DIN EN ISO 3251 12,0-14,0 %</li> <li>■ MEQ-Base-Value<br/>DIN EN ISO 15880 43-47 mg/g</li> <li>■ Organic Solvent Content 0,5-1,1 %</li> <li>■ Bath Temperature 24-27 °C</li> <li>■ Coating Time 60-180 seconds</li> <li>■ Deposition Voltage 130-290 voltage</li> <li>■ Over-coating capability Preparation: Sanding with fine grain size (e.g.</li> </ul> |  |

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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240). Recommendation: Acrylate-based top coat; alkyd-based coatings are not suitable for recoating !

## **Health & Safety at Work guidelines**

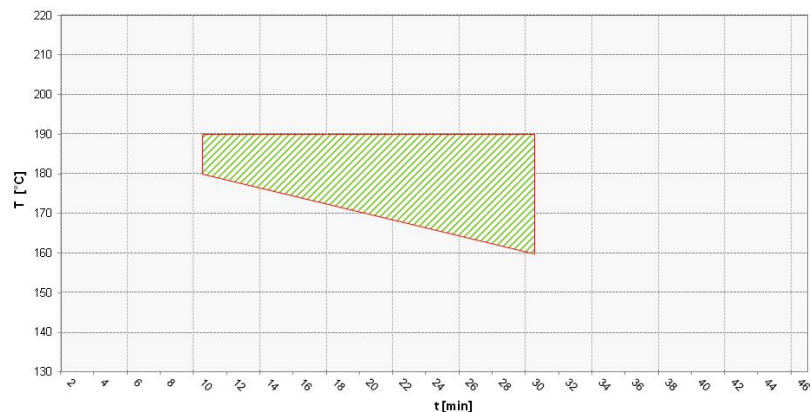
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

## **Curing**

### **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.