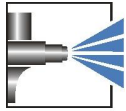


# FREIOTHERM-Hydro-Refill-Paste

## WO1826H

<b>Characteristics</b>	<ul style="list-style-type: none"> <li>■ Water-thinnable baking coating</li> <li>■ Application, e.g. in the construction and sanitary sector</li> <li>■ Very good mechanical resistance</li> <li>■ Good condensation resistance</li> <li>■ Good adhesion to steel and non-ferrous metals</li> <li>■ Can be coated over with powder coatings</li> <li>■ For interior use</li> </ul>																						
<b>Technical / Physical Data</b>	<table border="1"> <tr> <td>■ Binder-Base</td> <td>Combination of acrylate/amino resin</td> </tr> <tr> <td>■ Colour</td> <td>All common colour shades</td> </tr> <tr> <td>■ Gloss value <small>visual</small></td> <td>satın glossy</td> </tr> <tr> <td>■ Viscosity</td> <td>3500-5500 mPa.s/ Spindle 5 60 revolution/ min.</td> </tr> <tr> <td>■ Thinner</td> <td>demineralised water</td> </tr> <tr> <td>■ pH-Value</td> <td>8,7-9,2</td> </tr> <tr> <td>■ Density <small>calculated</small></td> <td>1,20-1,25 g/ml</td> </tr> <tr> <td>■ Solid Mass <small>calculated</small></td> <td>67-69 %</td> </tr> <tr> <td>■ Solid content in volume <small>calculated</small></td> <td>450-480 ml/kg</td> </tr> <tr> <td>■ Material usage <small>theoretical, without application loss</small></td> <td>110-130 g/m<sup>2</sup>, Layer thickness 60 µm</td> </tr> <tr> <td>■ Reference colour of the specified values</td> <td>Colour of WO1826HRU916</td> </tr> </table>	■ Binder-Base	Combination of acrylate/amino resin	■ Colour	All common colour shades	■ Gloss value <small>visual</small>	satın glossy	■ Viscosity	3500-5500 mPa.s/ Spindle 5 60 revolution/ min.	■ Thinner	demineralised water	■ pH-Value	8,7-9,2	■ Density <small>calculated</small>	1,20-1,25 g/ml	■ Solid Mass <small>calculated</small>	67-69 %	■ Solid content in volume <small>calculated</small>	450-480 ml/kg	■ Material usage <small>theoretical, without application loss</small>	110-130 g/m <sup>2</sup> , Layer thickness 60 µm	■ Reference colour of the specified values	Colour of WO1826HRU916
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<b>Substrate</b>	<ul style="list-style-type: none"> <li>■ Steel</li> <li>■ Steel, passivated or pretreated substrates</li> </ul>																						
<b>Pretreatment</b>	<ul style="list-style-type: none"> <li>■ The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue. Preliminary tests are recommended for assuring the suitability of coating qualities on the substrate. For more stringent requirements, we recommend: for corrosion protection - e.g. phosphating for adhesion - e.g. blasting, pickling, sanding</li> </ul>																						
<b>Structure recommendation</b>	<table border="1"> <tr> <td>■ Substrate</td> <td>on iron-phosphated steel plate</td> </tr> <tr> <td>■ Primer</td> <td>WO1826HRU916 Dry film thickness 15 µm</td> </tr> <tr> <td>■ Top coat</td> <td>PB6704ARG916 Dry film thickness 60 µm</td> </tr> </table>	■ Substrate	on iron-phosphated steel plate	■ Primer	WO1826HRU916 Dry film thickness 15 µm	■ Top coat	PB6704ARG916 Dry film thickness 60 µm																
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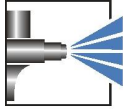
Our technical data sheets are to provide you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications. The sale of our products is in accordance with our terms of business and delivery.



# FREIOTHERM-Hydro-Refill-Paste WO1826H

<b>Resistance Test</b>	<ul style="list-style-type: none"> <li>Condensate constant climate 540 hours DIN EN ISO 6270-2 (CH) Degree of blistering 0 (S 0) DIN EN ISO 4628-2</li> </ul>												
<b>Processing and application</b>	<ul style="list-style-type: none"> <li>Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent skin formation, over-coat with water. Dry film thickness must not exceed 50 µm - risk of reaction bubbles.</li> <li>Object temperature 10-30 °C</li> <li>Processing conditions Room temperature 18-25 °C Relative humidity 40-60 %</li> <li>Immersing 14-20 Sec/ 4 mm Viscosity cup (DIN 53211)</li> <li>Cleaning of equipment Immediately with water - possibly with addition of 5-10 % by weight EFD cleaning agent 400916. Dried-on equipment with org. solvents, e.g. EFD thinner 400424.</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 substances, 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>Oven drying 20 min./ 160 °C - 15 min./ 170 °C</li> <li><b>Object temperature</b> green cross-hatching = baking conditions with good final properties</li> </ul> <table border="1" style="margin-left: 40px;"> <tr> <td>Objekt Temperatur   °C Object Temperature   °C</td> <td>150</td> <td>160</td> <td>170</td> </tr> <tr> <td>Haltezeit Minimum   Minuten Holding time minimum   Minutes</td> <td>45</td> <td>20</td> <td>15</td> </tr> <tr> <td>Haltezeit Maximum   Minuten Holding time maximum   Minutes</td> <td>90</td> <td>60</td> <td>30</td> </tr> </table> <div style="margin-left: 40px;"> </div>	Objekt Temperatur   °C Object Temperature   °C	150	160	170	Haltezeit Minimum   Minuten Holding time minimum   Minutes	45	20	15	Haltezeit Maximum   Minuten Holding time maximum   Minutes	90	60	30
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<b>Resistance to storage</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>												

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### 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.