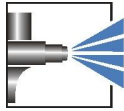




# **FREIOTHERM-Hydro-Coating** **WO1875V**

<b>Characteristics</b>	<ul style="list-style-type: none"> <li>Water-thinnable baking coating</li> <li>Application, e.g. in the automotive sector</li> <li>Good mechanical resistance</li> </ul>																						
<b>Technical / Physical Data</b>	<table> <tr> <td>Binder-Base</td><td>Combination of acrylate/polyester/amino resin</td></tr> <tr> <td>Colour</td><td>All common colour shades</td></tr> <tr> <td>Gloss value visual</td><td>satın mat</td></tr> <tr> <td>Viscosity DIN 53211 (formerly)</td><td>Flow time 30-37 seconds 4 mm viscosity cup</td></tr> <tr> <td>Thinner</td><td>demineralised water</td></tr> <tr> <td>pH-Value</td><td>8,2-8,5</td></tr> <tr> <td>Density calculated</td><td>1,07-1,17 g/ml</td></tr> <tr> <td>Solid Mass calculated</td><td>37-45 %</td></tr> <tr> <td>Solid content in volume calculated</td><td>285-295 ml/kg</td></tr> <tr> <td>Material usage theoretical, without application loss</td><td>65-70 g/m<sup>2</sup>, Layer thickness 20 µm</td></tr> <tr> <td>Reference colour of the specified values</td><td>Colour of WO1875VDB13A</td></tr> </table>	Binder-Base	Combination of acrylate/polyester/amino resin	Colour	All common colour shades	Gloss value visual	satın mat	Viscosity DIN 53211 (formerly)	Flow time 30-37 seconds 4 mm viscosity cup	Thinner	demineralised water	pH-Value	8,2-8,5	Density calculated	1,07-1,17 g/ml	Solid Mass calculated	37-45 %	Solid content in volume calculated	285-295 ml/kg	Material usage theoretical, without application loss	65-70 g/m <sup>2</sup> , Layer thickness 20 µm	Reference colour of the specified values	Colour of WO1875VDB13A
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<b>Substrate</b>	<ul style="list-style-type: none"> <li>KTL primed</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. Chromating or corresponding chrome-free conversion coatings.</li> </ul>																						
<b>Structure recommendation</b>	<table> <tr> <td>Substrate</td><td>on iron-phosphated steel plate</td></tr> <tr> <td>Primer</td><td>KTL-Grundierung Dry film thickness 15-25 µm</td></tr> <tr> <td>Top coat</td><td>WO1875VDB13A Dry film thickness 20 µm</td></tr> </table>	Substrate	on iron-phosphated steel plate	Primer	KTL-Grundierung Dry film thickness 15-25 µm	Top coat	WO1875VDB13A Dry film thickness 20 µm																
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<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.</li> <li>Object temperature 20-30 °C</li> <li>Processing conditions Room temperature 15-25 °C Relative humidity 50-70 %</li> <li>High pressure spraying as delivered viscosity Nozzle: 1,2 mm Spray pressure 4 bar</li> <li>Electrostatic possible, system-specific</li> <li>Cleaning of equipment Immediately with water - possibly with addition</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.



# FREIOTHERM-Hydro-Coating

## WO1875V

	of 5-10 % by weight EFD cleaning agent 400916. Dried-on equipment with org. solvents, e.g. EFD thinner 400424.	
	<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 & Safety at Work and environmental protection can be found in the corresponding safety data sheet.	
<b>Curing</b>	<b>Oven drying</b>	10 min./ 150 °C - 15 min./ 140 °C
	<b>Object temperature</b> Baking window on request	
<b>Resistance to storage</b>	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 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.	