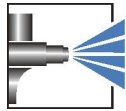


# Hydro-Basecoat WO1838H / RRS W01

<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 stone chip resistance</li> <li>■ Can be coated over with powder coatings</li> </ul>																						
<b>Technical / Physical Data</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">■ Binder-Base</td> <td>Combination of acrylate/amino resin</td> </tr> <tr> <td>■ Colour</td> <td>glazing</td> </tr> <tr> <td>■ Gloss value <small>visual</small></td> <td></td> </tr> <tr> <td>■ Viscosity <small>DIN 53211 (formerly)</small></td> <td>Flow time 20-25 seconds 4 mm viscosity cup</td> </tr> <tr> <td>■ Thinner</td> <td>demineralised water</td> </tr> <tr> <td>■ pH-Value</td> <td>8,1-8,3</td> </tr> <tr> <td>■ Density <small>calculated</small></td> <td>1,00-1,02 g/ml</td> </tr> <tr> <td>■ Solid Mass <small>calculated</small></td> <td>18,21 %</td> </tr> <tr> <td>■ Solid content in volume <small>calculated</small></td> <td>150-180 ml/kg</td> </tr> <tr> <td>■ Material usage <small>theoretical, without application loss</small></td> <td>70-90 g/m<sup>2</sup>, Layer thickness 15 µm</td> </tr> <tr> <td>■ Reference colour of the specified values</td> <td>Colour of WO1838HOE07A</td> </tr> </table>	■ Binder-Base	Combination of acrylate/amino resin	■ Colour	glazing	■ Gloss value <small>visual</small>		■ Viscosity <small>DIN 53211 (formerly)</small>	Flow time 20-25 seconds 4 mm viscosity cup	■ Thinner	demineralised water	■ pH-Value	8,1-8,3	■ Density <small>calculated</small>	1,00-1,02 g/ml	■ Solid Mass <small>calculated</small>	18,21 %	■ Solid content in volume <small>calculated</small>	150-180 ml/kg	■ Material usage <small>theoretical, without application loss</small>	70-90 g/m <sup>2</sup> , Layer thickness 15 µm	■ Reference colour of the specified values	Colour of WO1838HOE07A
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<b>Substrate</b>	<ul style="list-style-type: none"> <li>■ Light alloy wheels</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 border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">■ Substrate</td> <td>on light alloy wheels</td> </tr> <tr> <td>■ Primer</td> <td>PY1005BRA999 / RRS CLEARCOAT AC Dry filmthickness 60-80µm</td> </tr> <tr> <td>■ Base coat</td> <td>WO1838H / RRS ??? Dry film thickness 15 µm</td> </tr> <tr> <td>■ Clear coat</td> <td>PY1005BRA999 / RRS CLEARCOAT AC Dry filmthickness60-80µm</td> </tr> </table>	■ Substrate	on light alloy wheels	■ Primer	PY1005BRA999 / RRS CLEARCOAT AC Dry filmthickness 60-80µm	■ Base coat	WO1838H / RRS ??? Dry film thickness 15 µm	■ Clear coat	PY1005BRA999 / RRS CLEARCOAT AC Dry filmthickness60-80µm														
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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.



# Hydro-Basecoat WO1838H / RRS W01

	<ul style="list-style-type: none"> <li>■ Salt spray test (CASS) DIN EN ISO 9227</li> </ul>	240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
<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> </ul>	
	<ul style="list-style-type: none"> <li>■ Object temperature</li> </ul>	60 °C
	<ul style="list-style-type: none"> <li>■ Processing conditions</li> </ul>	Room temperature 15-25 °C Relative humidity 50-70 %
	<ul style="list-style-type: none"> <li>■ High pressure spraying</li> </ul>	as delivered viscosity Nozzle: 1,2 mm Spray pressure 4 bar
	<ul style="list-style-type: none"> <li>■ Electrostatic</li> </ul>	possible, system-specific
	<ul style="list-style-type: none"> <li>■ Cleaning of equipment</li> </ul>	Immediately with water - possibly with addition of 5-10 % by weight EFD cleaning agent 400916. Dried-onequipmentwith org.solvents, e.g. thinner RRS SOLV 4320
	<ul style="list-style-type: none"> <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>■ Intermediate drying</li> </ul>	10 min./ 120 °C
	<ul style="list-style-type: none"> <li>■ Oven drying</li> </ul>	10 min./ 170 °C - 20 min./ 150 °C
	<ul style="list-style-type: none"> <li>■ <b>Object temperature</b> Baking window on request</li> </ul>	
<b>Resistance to storage</b>	<ul style="list-style-type: none"> <li>■ Approx. 9 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> </ul>	
		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>	<ul style="list-style-type: none"> <li>■ <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.</li> </ul>	
		The information provided here contains reference values and does not constitute a specification.