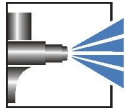


EFD-Hydro-Repair-Coating

WL1004H

Characteristics	<ul style="list-style-type: none"> ■ Water-thinnable 1C coating ■ Application, e.g. in the mechanical engineering and plant construction sector ■ For touching up minor coating damage after transport and assembly 																						
Technical / Physical Data	<table border="1"> <tr> <td>■ Binder-Base</td> <td>Acrylate-styrene copolymer</td> </tr> <tr> <td>■ Colour</td> <td>All common colour shades</td> </tr> <tr> <td>■ Gloss value <small>visual</small></td> <td>satin mat</td> </tr> <tr> <td>■ Viscosity</td> <td>3000-5000 mPa.s/ Spindle 5 60 revolution/ min.</td> </tr> <tr> <td>■ Thinner</td> <td>demineralised water</td> </tr> <tr> <td>■ pH-Value</td> <td>8,4-8,7</td> </tr> <tr> <td>■ Density <small>calculated</small></td> <td>1,05-1,25 g/ml</td> </tr> <tr> <td>■ Solid Mass <small>calculated</small></td> <td>34-42 %</td> </tr> <tr> <td>■ Solid content in volume <small>calculated</small></td> <td>275-285 ml/kg</td> </tr> <tr> <td>■ Material usage <small>theoretical, without application loss</small></td> <td>135-145 g/m², Layer thickness 40 µm</td> </tr> <tr> <td>■ Reference colour of the specified values</td> <td>Colour of WL1004HT2132</td> </tr> </table>	■ Binder-Base	Acrylate-styrene copolymer	■ Colour	All common colour shades	■ Gloss value <small>visual</small>	satin mat	■ Viscosity	3000-5000 mPa.s/ Spindle 5 60 revolution/ min.	■ Thinner	demineralised water	■ pH-Value	8,4-8,7	■ Density <small>calculated</small>	1,05-1,25 g/ml	■ Solid Mass <small>calculated</small>	34-42 %	■ Solid content in volume <small>calculated</small>	275-285 ml/kg	■ Material usage <small>theoretical, without application loss</small>	135-145 g/m ² , Layer thickness 40 µm	■ Reference colour of the specified values	Colour of WL1004HT2132
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Substrate	<ul style="list-style-type: none"> ■ Primer 																						
Pretreatment	<ul style="list-style-type: none"> ■ The substrate must be free of adhesion-impairing substances such as oil, grease, wax and separating agent residue. Preliminary tests are recommended for assuring the suitability of coating qualities on the substrate. 																						
Structure recommendation	<table border="1"> <tr> <td>■ Substrate</td> <td>according to customer requirements</td> </tr> <tr> <td>■ Top coat</td> <td>WL1004HT2132 Dry film thickness 40 µm</td> </tr> </table>	■ Substrate	according to customer requirements	■ Top coat	WL1004HT2132 Dry film thickness 40 µm																		
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Processing and application	<ul style="list-style-type: none"> ■ 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 100 µm - risk of reaction bubbles. ■ Object temperature 10-30 °C ■ Processing conditions Room temperature 18-22 °C Relative humidity 40-60 % ■ Rolling / painting as delivered viscosity ■ 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. 																						

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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WL1004H

	<ul style="list-style-type: none"> ■ Health & Safety at Work guidelines 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.
<p>Curing</p>	<ul style="list-style-type: none"> ■ Air drying at 18-22 °C, 40-60 % relative humidity with air movement ■ Dust drying after 40 min. (degree of drying 1/ DIN EN ISO 9117-5) ■ Dry to the touch after 2 hrs. (degree of drying 4/ DIN EN ISO 9117-5) ■ Full drying after 5 days (pendulum damping/DIN EN ISO 1522) ■ Oven drying possible to 70°C
<p>Resistance to storage</p>	<ul style="list-style-type: none"> ■ 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. <p>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.</p>
<p>Specific comments</p>	<ul style="list-style-type: none"> ■ EFD-info Refer to the EFD information for further technical information. Nr. 111 ■ 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. <p>The information provided here contains reference values and does not constitute a specification.</p>