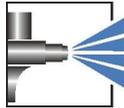


EFDEDUR-Hydro-Struct.-Coating

WU9123D/HU0448

Characteristics	<ul style="list-style-type: none"> ■ Water-thinnable 2C coating ■ Application, e.g. in the vehicle construction sector ■ Pearl structure ■ Fast initial drying ■ Forced drying possible ■ Good mechanical resistance ■ For exterior use ■ Good stability 																																		
System Coating	<ul style="list-style-type: none"> ■ System Liquid Coating <p>For various applications, there are coatings available, whose optical appearance regarding colour, gloss degree and surface is in optimum balance.</p>																																		
Technical / Physical Data	<table border="1"> <tr> <td>■ Binder-Base</td> <td>Acrylate resin crosslinked with polyisocyanate</td> </tr> <tr> <td>■ Colour</td> <td>All common colour shades</td> </tr> <tr> <td>■ Gloss value visual</td> <td>mat</td> </tr> <tr> <td>■ Viscosity DIN 53211 (formerly)</td> <td>Flow time 45-55 seconds 4 mm viscosity cup</td> </tr> <tr> <td>■ Hardener</td> <td>HU0448 See technical data sheet</td> </tr> <tr> <td>■ Mixing ratio</td> <td>Parts by weight 4:1</td> </tr> <tr> <td>■ Mixing ratio</td> <td>Parts by volume 3,7:1</td> </tr> <tr> <td>■ Thinner</td> <td>demineralised water</td> </tr> <tr> <td>■ pH-Value</td> <td>7,5-8,5</td> </tr> <tr> <td>■ Density calculated</td> <td>1,03-1,23 g/ml</td> </tr> <tr> <td>■ Density calculated</td> <td>1,01-1,21 g/ml after adding hardener</td> </tr> <tr> <td>■ Solid Mass calculated</td> <td>42,3-46,3 %</td> </tr> <tr> <td>■ Solid Mass calculated</td> <td>44,7-48,7 % after adding hardener</td> </tr> <tr> <td>■ Solid content in volume calculated</td> <td>310-320 ml/kg</td> </tr> <tr> <td>■ Solid content in volume calculated</td> <td>356-376 ml/kg after adding hardener</td> </tr> <tr> <td>■ Material usage theoretical, without application loss</td> <td>100-120 g/m², Layer thickness 40 µm</td> </tr> <tr> <td>■ Reference colour of the specified values</td> <td>Colour of WU9123DM2489</td> </tr> </table>	■ Binder-Base	Acrylate resin crosslinked with polyisocyanate	■ Colour	All common colour shades	■ Gloss value visual	mat	■ Viscosity DIN 53211 (formerly)	Flow time 45-55 seconds 4 mm viscosity cup	■ Hardener	HU0448 See technical data sheet	■ Mixing ratio	Parts by weight 4:1	■ Mixing ratio	Parts by volume 3,7:1	■ Thinner	demineralised water	■ pH-Value	7,5-8,5	■ Density calculated	1,03-1,23 g/ml	■ Density calculated	1,01-1,21 g/ml after adding hardener	■ Solid Mass calculated	42,3-46,3 %	■ Solid Mass calculated	44,7-48,7 % after adding hardener	■ Solid content in volume calculated	310-320 ml/kg	■ Solid content in volume calculated	356-376 ml/kg after adding hardener	■ Material usage theoretical, without application loss	100-120 g/m ² , Layer thickness 40 µm	■ Reference colour of the specified values	Colour of WU9123DM2489
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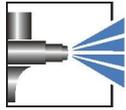


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WU9123D/HU0448

Substrate	■ Primer																
Pretreatment	■ 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.																
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		dry at the earliest after matting
	■ 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.
	■ 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.
Curing	■ Air drying	at 20°C, 50% relative humidity with air movement
	■ Dust drying	after 60 min. (degree of drying 1/ DIN EN ISO 9117-5)
	■ Dry to the touch	after 7 hrs. (degree of drying 4/ DIN EN ISO 9117-5)
	■ Full drying	after 8 days (pendulum damping/DIN EN ISO 1522)
	■ Oven drying	possible to 70°C
Resistance to storage	■	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	■ EFD-info	Refer to the EFD information for further technical information. Nr. 111 + 510
	■ 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.