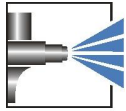


FREIOPLAST-Hydro-Coating

WL1513M

Characteristics	<ul style="list-style-type: none"> ■ Water-thinnable 1C coating ■ Application, e.g. in the vehicle construction sector ■ Anti-drumming compound between components ■ Good flexibility 																				
Technical / Physical Data	<table border="1"> <tr> <td>■ Binder-Base</td> <td>Combination of special binders</td> </tr> <tr> <td>■ Colour</td> <td>All common colour shades</td> </tr> <tr> <td>■ Gloss value <small>visual</small></td> <td>mat</td> </tr> <tr> <td>■ Viscosity</td> <td>6500-8500 mPa.s/ Spindle 6 60 revolution/ min.</td> </tr> <tr> <td>■ pH-Value</td> <td>8,0-8,5</td> </tr> <tr> <td>■ Density <small>calculated</small></td> <td>1,35-1,45 g/ml</td> </tr> <tr> <td>■ Solid Mass <small>calculated</small></td> <td>70-74 %</td> </tr> <tr> <td>■ Solid content in volume <small>calculated</small></td> <td>580-620 ml/kg</td> </tr> <tr> <td>■ Material usage <small>theoretical, without application loss</small></td> <td>130-140 g/m², Layer thickness 80 µm</td> </tr> <tr> <td>■ Reference colour of the specified values</td> <td>Colour of WL1513ML1861</td> </tr> </table>	■ Binder-Base	Combination of special binders	■ Colour	All common colour shades	■ Gloss value <small>visual</small>	mat	■ Viscosity	6500-8500 mPa.s/ Spindle 6 60 revolution/ min.	■ pH-Value	8,0-8,5	■ Density <small>calculated</small>	1,35-1,45 g/ml	■ Solid Mass <small>calculated</small>	70-74 %	■ Solid content in volume <small>calculated</small>	580-620 ml/kg	■ Material usage <small>theoretical, without application loss</small>	130-140 g/m ² , Layer thickness 80 µm	■ Reference colour of the specified values	Colour of WL1513ML1861
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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, 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 																				
Structure recommendation	<table border="1"> <tr> <td>■ Substrate</td> <td>Aluminium</td> </tr> <tr> <td>■ Primer</td> <td>WL1513ML1861 Dry film thickness 200 µm</td> </tr> </table>	■ Substrate	Aluminium	■ Primer	WL1513ML1861 Dry film thickness 200 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 400 µm - risk of reaction bubbles. ■ Object temperature ■ Processing conditions ■ Over-coating capability ■ Cleaning of equipment <table border="1"> <tr> <td>Object temperature</td> <td>10-30 °C</td> </tr> <tr> <td>Processing conditions</td> <td>Room temperature 18-22 °C Relative humidity 40-60 %</td> </tr> <tr> <td>Over-coating capability</td> <td>possible with same quality, dry at the earliest after matting</td> </tr> <tr> <td>Cleaning of equipment</td> <td>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.</td> </tr> </table>	Object temperature	10-30 °C	Processing conditions	Room temperature 18-22 °C Relative humidity 40-60 %	Over-coating capability	possible with same quality, 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.												
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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.



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WL1513M

	<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.
Curing	<ul style="list-style-type: none"> ■ Air drying at 20 °C, 40-60 % relative humidity with air movement
Resistance to storage	<ul style="list-style-type: none"> ■ 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. <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>
Specific comments	<ul style="list-style-type: none"> ■ EFD-info Refer to the EFD information for further technical information. Nr. 111