



FREIOPLAST-Hydro-EdgeProtect WL1525H

Characteristics	<ul style="list-style-type: none"> ■ Water-thinnable single-layer coating ■ Application, e.g. in the construction and sanitary sector ■ Fast initial drying ■ Suitable for derived timber products 																						
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 DIN EN ISO 2813</td> <td>satin mat Angle °</td> </tr> <tr> <td>■ Viscosity</td> <td>6000-6500 mPa.s/ Spindle 5 60 revolution/ min.</td> </tr> <tr> <td>■ Thinner</td> <td>demineralised water</td> </tr> <tr> <td>■ pH-Value</td> <td>8,7-9,3</td> </tr> <tr> <td>■ Density calculated</td> <td>1,05-1,15 g/ml</td> </tr> <tr> <td>■ Solid Mass calculated</td> <td>26-31 %</td> </tr> <tr> <td>■ Solid content in volume calculated</td> <td>170-180 ml/kg</td> </tr> <tr> <td>■ Material usage theoretical, without application loss</td> <td>440-470 g/m², Layer thickness 80 µm</td> </tr> <tr> <td>■ Reference colour of the specified values</td> <td>Colour of WL1525HP1697</td> </tr> </table>	■ Binder-Base	Acrylate-styrene copolymer	■ Colour	All common colour shades	■ Gloss value DIN EN ISO 2813	satin mat Angle °	■ Viscosity	6000-6500 mPa.s/ Spindle 5 60 revolution/ min.	■ Thinner	demineralised water	■ pH-Value	8,7-9,3	■ Density calculated	1,05-1,15 g/ml	■ Solid Mass calculated	26-31 %	■ Solid content in volume calculated	170-180 ml/kg	■ Material usage theoretical, without application loss	440-470 g/m ² , Layer thickness 80 µm	■ Reference colour of the specified values	Colour of WL1525HP1697
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Substrate	<ul style="list-style-type: none"> ■ Wood 																						
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>Wood</td> </tr> <tr> <td>■ Top coat</td> <td>WL1525HP1697 Dry film thickness 60 µm</td> </tr> </table>	■ Substrate	Wood	■ Top coat	WL1525HP1697 Dry film thickness 60 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. ■ Object temperature 10-30 °C ■ Processing conditions Room temperature 18-25 °C Relative humidity 40-60 % ■ Rolling / painting as delivered viscosity ■ 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. 																						

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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	Dried-on equipment with org. solvents, e.g. EFD thinner 400424.	
	<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 Dust drying Dry to the touch Full drying Oven drying 	<ul style="list-style-type: none"> at 20 °C, 40-70 % relative humidity with air movement after 45 min. (degree of drying 1/ DIN EN ISO 9117-5) after 3 hrs. (degree of drying 4/ DIN EN ISO 9117-5) after 17 days (pendulum damping/DIN EN ISO 1522) possible to 70°C
Resistance to storage	<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>	
Specific comments	<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>	