


## UNIEPAL DREW AQUA 1-K fire-resistant varnish

<b>Product name</b>	UNIEPAL DREW AQUA 1-K varnish for wood and wood derivatives, fire-resistant, water-diluted	
<b>Reference documents</b>	<ul style="list-style-type: none"> <li>• European Technical Assessment ETA-18/0490</li> <li>• Declaration of Performance DWU/18/2018</li> <li>• Certificate of Constancy of Performance Values 1020 - CPR - 010040116</li> <li>• Has a hygiene certificate</li> <li>• Warranty period: 6 months from the date of manufacture</li> </ul>	
<b>Application</b>	<ul style="list-style-type: none"> <li>• The impregnant is used to create a fire-resistant and decorative finishing coat on construction elements made of domestic wood, OSBs, plywood and wood derivatives, used in residential and public interiors and ob building exteriors.</li> <li>• The varnish is characterized by high hardness and abrasive resistance, which makes it the excellent solution for flooring, parquet, stairs, furniture in public buildings.</li> </ul>	
<b>Reaction to fire classification</b>	Products coated with UNIEPAL-DREW AQUA 1-K in the amount of at least 200 g/m <sup>2</sup> have the following fire rating: elements made of wood of every type (with the exception of exotic wood) and wood-derivatives of at least 12 mm in thickness - <b>flame-resistant (B-s1,d0),</b>	
<b>Classification of flooring</b>	A floor made of wood of every type (with the exception of exotic wood) and wood-derivatives of at least 12 mm in thickness - <b>flame-retardant (Bfl-s1).</b>	
<b>Preparation of varnish:</b>	<ul style="list-style-type: none"> <li>• Mix the product carefully before use.</li> <li>• The product is ready to use - do not dilute!</li> </ul>	
<b>Preparation of groundwork:</b>	<ul style="list-style-type: none"> <li>• Repair all surface defects, clean, degrease and dedust the groundwork.</li> <li>• Apply UNIEPAL DREW AQUA 1-K on surfaces made of raw wood only. Relative groundwork humidity should not exceed 20%.</li> <li>• After drying, the varnish creates a satin coat.</li> <li>• Oak does not require any additional nitrocellulose or alcohol primer.</li> </ul>	

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<b>Application:</b>	<ul style="list-style-type: none"> <li>• Apply the varnish at temperatures above 10°C.</li> <li>• Before starting any proper works, perform a small-scale trial to optimize the application parameters (efficiency, pour properties, drying time, etc.).</li> <li>• Apply the varnish on vertical and horizontal surfaces in two or three layers, in a total amount of 200 g/m<sup>2</sup>.</li> <li>• The thickness of a single, wet layer should not exceed 40 µm. The total coat thickness should be min 100 µm. The intervals between successive activities depends on ambient temperature and humidity.</li> <li>• At ambient temperature of 23°C ( ± 2 ) and relative humidity of 50% ( ± 5 ), a second layer can be applied after 8 hours, and the third one - after the two preceding layers have dried.</li> <li>• When the aesthetic of wood finishing is important, the first layer should be thin. After the first layer has dried, grind it using &gt;240 grade sandpaper to remove any threads.</li> <li>• Wash the spray-on tools or the brush directly after completing works using water.</li> </ul>
<b>Other Information, comments:</b>	<ul style="list-style-type: none"> <li>• Capacity: 5 m<sup>2</sup>/l for a total coat, depending on groundwork absorbency.</li> <li>• Solubility: the product dissolves in water.</li> <li>• After drying, the varnish creates a satin coat.</li> <li>• Surfaces coated with other varnishes can change the fire rating.</li> <li>• Do not mix with other varnishes.</li> <li>• Total fire resistance is developed after 24 hours after painting, after the varnish has completely dried.</li> </ul>
<b>Technical condition</b>	<ul style="list-style-type: none"> <li>• Check the coats at least once every 12 months.</li> <li>• Fill all cavities if damages occur.</li> </ul>
<b>Storage:</b>	Store in original, properly labeled, sealed packaging: + 5 ÷ 30°C.
<b>Transport:</b>	Does not pose a hazard in transport and does not require special treatment.
<b>Manufacturer / Manufacturing plant:</b>	Przedsiębiorstwo Produkcyjno-Handlowe "ADW" Sp. z o.o. ul. Zbożowa 2, 43-175 Wry tel. +32 218 71 85 fax.: +32 323 00 85
<b>Available packaging:</b>	0.75; 5; 10 liters
<b>Written on</b>	24.08.2018