

## UNIEPAL-DREW SPECIAL FR

12/09/2023

<b>Name of the product:</b>	<b>UNIEPAL-DREW SPECIAL FR</b> One-component, solvent-based fire protection varnish for wood and wood-based surfaces.	
<b>Reference documents:</b>	<ul style="list-style-type: none"> <li>• European Technical Assessment ETA-18/0489 of 29/06/2018</li> <li>• Declaration of Performance No. DWU/16/2018</li> <li>• Certificate of Constancy of Performance</li> <li>• Guarantee period: 12 months from date of manufacture</li> </ul>	
<b>Use:</b>	<p>UNIEPAL-DREW SPECIAL FR varnish is intended for use as a fire retardant product to improve the reaction to fire of wood or wood-based building products, excluding floors.</p> <p>Can be applied to any wood substrate (except exotic wood) or wood-based products with a thickness of at least 12 mm. Also intended for fire protection and decorative finishing of wooden surfaces made of domestic wood species.</p>	
<b>Use category related to exposure to weather conditions</b>	<b>Type X</b> - all conditions: internal, partially exposed and external, exposed to external factors (temperature, precipitation, humidity, UV radiation).	
<b>Classification of reaction to fire:</b>	Products coated with UNIEPAL-DREW SPECIAL FR varnish in quantities of at least 200 <sup>g/m<sup>2</sup></sup> , have been classified for their reaction to fire as <b>non-combustible (B-s1, d0)</b> .	
<b>Degree of fire spread</b>	<p><b>For building elements excluding external walls when exposed to external fire.</b></p> <p>The classification applies to wooden or wood-based elements with a minimum thickness of 12 mm, protected by varnish UNIEPAL-DREW SPECIAL FR.</p> <p>Consumption of 200 g/m<sup>2</sup> of varnish.</p> <p>Degree of fire spread: non-fire-spreading according to Technical Terms and Conditions (Journal of Laws of 2002 No. 75 item 690 - as amended) elements in class B-s1,d0 do not spread fire on the basis of classification in accordance with EN 13501-1.</p> <p>The classification does not include exotic wood.</p>	
<b>Varnish preparation:</b>	<ul style="list-style-type: none"> <li>• Mix the product thoroughly before use.</li> <li>• If 'threading' occurs, the viscosity of the varnish can be reduced by the addition of xylene or white spirit in an amount not exceeding 10%.</li> </ul>	
<b>Substrate preparation:</b>	<ul style="list-style-type: none"> <li>• Fill in any surface defects, clean, degrease and dust off the substrate.</li> <li>• Varnish should only be applied to surfaces made</li> </ul>	

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	<p>of raw wood with a relative humidity not exceeding 20%.</p> <ul style="list-style-type: none"> <li>Surfaces made of oak wood require an additional application of a nitrocellulose or alcoholic primer.</li> <li>When dry, the varnish forms a clear coat, without changing the colour of the wood.</li> </ul>
<b>Application:</b>	<ul style="list-style-type: none"> <li>Apply the varnish at temperatures above 10°C.</li> <li>Before starting the actual work, it is advisable to carry out a small-scale test in order to optimise the application parameters (performance, spreadability, drying time, etc.).</li> <li>Apply the varnish to vertical and horizontal surfaces two or three times in a total quantity of at least 200 g/m<sup>2</sup>.</li> <li>The interval between treatments depends on the ambient temperature and humidity.</li> <li>At a temperature of 23°C (± 2) and relative humidity of 50% (± 5), the second coat can be applied after 16 hours, the third one after the previous coats have completely dried.</li> <li>Immediately after the work is completed, spray tools or a brush should be thoroughly cleaned with xylene or white spirit.</li> </ul>
<b>Other information, comments:</b>	<ul style="list-style-type: none"> <li>The product is not applicable to exotic wood species.</li> <li>Spreading rate: max. 4-5m<sup>2</sup>/l when completely varnished depending on the absorbency of the substrate.</li> <li>Solubility: insoluble in water, soluble in certain organic solvents.</li> <li>When dry, the it forms a clear coat, without changing the colour of the wood.</li> <li>Surfaces coated with other varnishes may change the fire classification.</li> <li>The varnish is not suitable for floor varnishing.</li> <li>Full flame retardancy is achieved after a period of 72 hours from varnishing after the solvent has completely evaporated. Prerequisite: full curing of the varnish.</li> <li>Do not allow varnish components to settle. Mix before use and during varnishing.</li> <li>Do not mix with other varnishes.</li> </ul>
<b>Technical condition:</b>	<ul style="list-style-type: none"> <li>Coatings should be checked at least once every 12 months.</li> </ul> <p>In the event of mechanical damage (e.g. scratches, nicks, cracking of the wood) or chemical damage (e.g. aggressive rainfall, bird droppings), the cavities must be repaired.</p>
<b>Storage and transport:</b>	<ul style="list-style-type: none"> <li>Store and transport in original, tightly closed packaging, at temperature: above +5 ÷ 30°C.</li> <li>Observe no smoking, no open flames in storage areas rules.</li> </ul> <p>UN 1263 PAINT, 3, III, (D/E)</p>
<b>Safety measures:</b>	Use in well-ventilated areas. Premises

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	<p>air after varnishing until the smell disappears, after which time it is suitable for use.</p> <p>Flammable product. Repeated exposure can cause the skin to dry out or crack. Flammable liquid and vapour. May be fatal if swallowed and enters the respiratory tract. May cause drowsiness or dizziness. Keep out of the reach of children. store away from heat sources, hot surfaces, sparks, open flames and other sources of ignition. Do not smoke. Wear protective gloves, protective clothing, eye protection, face protection.</p> <p>IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. If you feel unwell, contact a POISON CENTER or doctor.</p> <p>VOC content: max. 400 g/l.</p>
<b>Manufacturing plant/Producer:</b>	<p>Przedsiębiorstwo Produkcyjno-Handlowe [Trade-Production Enterprise] „ADW” Sp. z o.o. [Limited Liability Company]          ul. Zbożowa 2, 43-175 Wry          Tel. 32 218 71 85</p>
<b>Available packages:</b>	5; 12 litres
<b>The document was drawn up on:</b>	12/09/2023