


UNIEPAL-DREW AQUA COLOUR.

18/07/2024

Name of the product:	UNIEPAL-DREW AQUA COLOUR One-component, water-based fire protection varnish for wood and wood-based materials	
Reference documents:	<ul style="list-style-type: none"> • European Technical Assessment ETA-18/0491 of 29/06/2018 • Declaration of Performance No. DWU/17/2018 • Certificate of Constancy of Performance • Guarantee period: 6 months from date of manufacture 	
Use:	UNIEPAL-DREW AQUA COLOUR is intended for use as a fire retardant product to improve the reaction to fire of wood or wood-based building products, excluding floors. Used for fire protection and decorative finishing of wooden surfaces made of domestic wood species (except exotic wood).	
Classification of reaction to fire:	Products coated with UNIEPAL-DREW AQUA KOLOR varnish in quantities of at least 200 g/m ² have been classified for their reaction to fire as non-flammable (B-s1,d0) .	
Degree of fire spread	<p>For building elements excluding external walls when exposed to external fire. The classification applies to walls made of European wood with a minimum density of 450 kg/m³ and a minimum thickness of 20 mm, treated with UNIEPAL-DREW AQUA KOLOR varnish. Consumption of 200 g/m² of varnish. Degree of fire spread: non fire-spreading (NRO). Classification in accordance with PN-B-02867:2013-06. The classification does not include exotic wood.</p> <p>For building elements excluding external walls when exposed to external fire. The classification applies to wooden or wood-based elements with a minimum thickness of 12 mm, protected by varnish UNIEPAL-DREW AQUA COLOUR. Consumption of 200 g/m² of varnish. Degree of fire spread: non-fire-spreading according (NRO) 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. The classification does not include exotic wood.</p>	
Use category related to exposure to weather conditions	Type X - all conditions: internal, partially exposed to external influences and factors (temperature, precipitation, humidity, UV radiation).	
Substrate preparation:	<ul style="list-style-type: none"> • The substrate must be dry, free from grease, dirt, dust, wax, oil and other contaminants. Existing coatings must be completely removed. • UNIEPAL-DREW AQUA COLOUR should only be applied on 	

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	<p>bare wood surfaces. with a relative humidity not exceeding 20%.</p> <ul style="list-style-type: none"> • Surfaces made of oak wood require an additional application of a nitrocellulose or alcoholic primer. • When dry, the varnish forms a transparent coat, changing the colour of the wood, according to the manufacturer's colour scheme.
Application:	<ul style="list-style-type: none"> • Apply the varnish at temperatures above 10°C. • 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.). • Apply the varnish to vertical and horizontal surfaces two or three times in a total quantity of at least 200 g/m². • The interval between treatments depends on the ambient temperature and humidity. • At a temperature of 23°C (± 2) and relative humidity of 50% (± 5), the second coat can be applied after 6-8 hours, the third one after the previous coats have completely dried. • Immediately after the work is completed, spray tools or a brush should be thoroughly cleaned with water.
Other information, comments:	<ul style="list-style-type: none"> • Spreading rate: max. 4-5m²/l when completely varnished depending on the absorbency of the substrate. • Solubility: soluble in water. • When dry, it forms a coloured transparent coat, according to the manufacturer's colour scheme. • Surfaces coated with other varnishes may change the fire classification. • The product coating is protected against biological corrosion. • Full flame retardancy is achieved after a period of 48 hours after the varnish has completely dried. • Do not mix with other varnishes.
Technical condition:	<ul style="list-style-type: none"> • Coatings should be checked at least once every 12 months. • In the event of damage, cavities should be repaired.
Storage:	Store and transport in original, sealed packaging, at the temperature: 5 - 30°C.
Transport:	It poses no danger during transport and requires no special handling.
Manufacturing plant/Producer:	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
Available packages:	2.5; 10 litres
The document was drawn up on:	18/07/2024