

UNIEPAL DREW AQUA 1-K fire-resistant varnish

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

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Application:	<ul style="list-style-type: none"> • Apply the varnish at temperatures above 10°C. • Before starting any proper works, perform a small-scale trial to optimize the application parameters (efficiency, pour properties, drying time, etc.). • Apply the varnish on vertical and horizontal surfaces in two or three layers, in a total amount of 200 g/m². • 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. • 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. • When the aesthetic of wood finishing is important, the first layer should be thin. After the first layer has dried, grind it using >240 grade sandpaper to remove any threads. • Wash the spray-on tools or the brush directly after completing works using water.
Other Information, comments:	<ul style="list-style-type: none"> • Capacity: 5 m²/l for a total coat, depending on groundwork absorbency. • Solubility: the product dissolves in water. • After drying, the varnish creates a satin coat. • Surfaces coated with other varnishes can change the fire rating. • Do not mix with other varnishes. • Total fire resistance is developed after 24 hours after painting, after the varnish has completely dried.
Technical condition	<ul style="list-style-type: none"> • Check the coats at least once every 12 months. • Fill all cavities if damages occur.
Storage:	Store in original, properly labeled, sealed packaging: + 5 ÷ 30°C.
Transport:	Does not pose a hazard in transport and does not require special treatment.
Manufacturer / Manufacturing plant:	Przedsiębiorstwo Produkcyjno-Handlowe "ADW" Sp. z o.o. ul. Zbożowa 2, 43-175 Wyry tel. +32 218 71 85 fax.: +32 323 00 85
Available packaging:	0.75; 5; 10 liters
Written on	24.08.2018