


UNIEPAL DREW AQUA KOLOR fire-resistant varnish

Product name	UNIEPAL DREW AQUA KOLOR impregnant for wood and wood derivatives, fire-resistant, water-diluted	
Reference documents	<ul style="list-style-type: none"> • European Technical Assessment ETA-18/0491 • Declaration of Performance DWU/17/2018 • 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 ob building exteriors. • It is possible to use the UNIEPAL DREW AQUA KOLOR impregnant on roofing, including shingle or wooden planks. 	
Reaction to fire classification	Products coated with the UNIEPAL-DREW AQUA KOLOR impregnant in the amount of at least 200 g/m ² have the following fire rating: elements made of wood and OSB of at least 12 mm in thickness - non-flammable (B-s1,d0) .	
Classification Fire-retardant	A wooden wall lining of at least 20 mm and of at least 450 kg/m ³ in density and an OSB wall lining of at least 22 mm in thickness, coated with the UNIEPAL-DREW AQUA KOLOR impregnant in the amount of at least 200 g/m ² was classified as fire-retardant	
Classification of roofing	A shingle or wooden plank roof of at least 20 mm in total thickness, coated with UNIEPAL DREW AQUA KOLOR in the amount of at least 200 g/m ² was classified in terms of reaction to external fire as B_{roof}(t₁) .	
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 KOLOR on surfaces made of raw wood only. Relative groundwork humidity should not exceed 20%. • After drying, the varnish creates a colorless coat changing the color of wood, as per the manufacturer's color palette. 	
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 	

UNIEPAL DREW AQUA KOLOR fire-resistant varnish

	<p>to optimize the application parameters (efficiency, pour properties, drying time, etc.).</p> <ul style="list-style-type: none"> • Apply the varnish on vertical and horizontal surfaces in two or three layers,
--	---

	<p>in a total amount of 200 g/m².</p> <ul style="list-style-type: none"> • 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 6 - 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 colorful coat, as per the manufacturer's color palette. • Surfaces coated with other varnishes can change the fire rating. • Total fire resistance is developed after 48 hours after painting, after the varnish has completely dried. • Do not mix with other varnishes.
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:	<p>Przedsiębiorstwo Produkcyjno-Handlowe "ADW" Sp. z o.o. ul. Zbożowa 2, 43-175 Wry tel. +32 218 71 85 fax.: +32 323 00 85</p>
Available packaging:	0.75; 2.5; 10 liters
Written on	24.08.2018