


UNIEPAL DREW SPECIAL FR fire-resistant varnish for wood and plywood

Product name	UNIEPAL DREW SPECIAL FR fire-resistant varnish for wooden and wood-derivative surfaces: plywood, chipboard, OSB	
Reference documents	<ul style="list-style-type: none"> • European Technical Assessment ETA-18/0489 • Certificate of Constancy of Performance Values 1020 - CPR - 010040116 • Declaration of Performance DWU/16/2018 • Has a hygiene certificate • Warranty period: 12 months from the date of manufacture 	
Application	The varnish is used to create a fire-resistant and decorative finishing coat on construction elements made of domestic wood and wood derivatives: plywood, chipboard, OSBs used in residential and public interiors and ob building exteriors.	
Reaction to fire classification	Products coated with UNIEPAL-DREW 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 - flame-resistant 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 UNIEPAL-DREW in the amount of at least 200 g/m ² was classified as fire-retardant	
Preparation of varnish:	Mix the product carefully before use. Diluting the product is not recommended. <ul style="list-style-type: none"> • If threading occurs, reduce the viscosity of the varnish by adding xylene or white spirit in the maximum amount of 10%. 	
Preparation of groundwork:	<ul style="list-style-type: none"> • Repair all surface defects, clean, degrease and dedust the groundwork. • Apply the varnish on surfaces made of raw wood only. Relative groundwork humidity should not exceed 20%. • After drying, the varnish creates a colorless coat, without changing the color of wood. 	
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 60 µm. • The total coat thickness should be min 120 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 16 hours, and the third one - after the two 	

	<p>preceding layers have dried.</p> <ul style="list-style-type: none"> • 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 xylene or white spirit.
Other Information, comments:	<ul style="list-style-type: none"> • Do not use the product on exotic wood. • Capacity: max 5 m²/l for a total coat, depending on groundwork absorbency. • Solubility: insoluble in water, soluble in some organic solvents. • After drying, the varnish creates a colorless coat, without changing the color of wood. • Surfaces coated with other varnishes can change the fire rating. • The varnish is unsuitable for coating floors. • Total fire resistance is developed after 72 hours after painting, after the solvent has completely dried. Condition: full varnish hardening. • Do not allow varnish components to settle. Mix before use and during painting. • Do not mix with other varnishes.
Technical condition	<ul style="list-style-type: none"> • Check the coats at least once every 12 months. • If any mechanical (e.g. scratches, fissures, cracks in wood) or chemical (e.g. aggressive precipitation, bird feces) damage occurs, fill in all cavities.
Storage:	<ul style="list-style-type: none"> • Store in original, properly labeled, sealed packaging: above + 5 ÷ 30°C. • Do not smoke or use open flamed in the place of storage.
Transport:	<ul style="list-style-type: none"> • Any means of transport. Exempt from ADR. • UN: 1263
Precautions:	<p>Use in well-ventilated rooms.</p> <p>Air the room after painting until all varnish scent is gone. After this time, the room is safe for use.</p> <p>Flammable product. Repeated exposure may cause skin dryness or cracking. Fumes may cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects, can cause long-lasting adverse changes to the aquatic environment. Keep out of the reach of children. Keep away from sources of ignition - no smoking. Do not inhale fumes. Wash contaminated eyes abundantly with water and seek medical assistance. Do not empty into drains. Wear suitable protective clothes, protective gloves and glasses or complete face protection. With insufficient ventilation, use adequate respiratory protection. If ingested, seek medical assistance - show the packaging or the label. VOC content: max 400 g/l</p>
Manufacturer / Manufacturing plant:	<p>Przedsiębiorstwo Produkcyjno-Handlowe "ADW" Sp. z o.o. ul. Zbożowa 2, 43-175 Wryy tel. +32 218 71 85 fax.: +32 323 00 85</p>
Available packaging:	1; 5; 12 liters

Written on	24.08.2018
-----------------------	------------