

Pyrolan Ionic Top UV 100

5391

Matt, **water-based protective coating** for industrial and professional use
System-matched with Pyrolan Ionic Base KDI 5390

PRODUCT DESCRIPTION

General

Water-based, thin-layer and breathable protective varnish for interior and protected exterior use. Increases the surface quality and mechanical resistance of Pyrolan Ionic Base KDI 5390 and provides a very natural appearance due to the transparent and matt setting. High breathability – healthy indoor climate. The product contains effective UV absorbers for absorption of UV radiation and stabilising the wood constituent lignin.

The product is formulated without the addition of biocidal active agents to protect against blue stain and wood-destroying fungi.

Special properties and standards

- **EN 13501-1** (fire behavior) B-s1, d0
- **NF P 92-501** (Fire Test to Building Material (M Rating) - French Standard) M1
- Meets the criteria of baubook “**Ecological invitation to tender**”.
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



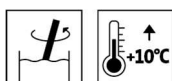
Application area



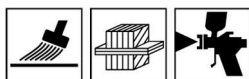
- For wall and ceiling paneling, as well as not directly weathered, not dimensionally stable exterior wood components, such as e.g. roof soffits, protected wood facades or substructures, which have been treated with Pyrolan Ionic Base KDI 5390.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- The flow of resin cannot be avoided based on the coating method.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Excessive application rates > 50% have a negative effect on the fire behavior of the overall structure.

Application technique

Application method	Brushing	Vacumat	Cup gun
Application	2x	2x	2x
Application quantity per application (g/m ²) (planed)	-	approx. 80 – 100	
Yield per application (m ² /l) planed	approx. 10 – 12	-	-
1) Yield including addition of thinner and loss while spraying			

The product is ready to use.

The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



Dust-dry (ISO 1517)	approx. 30 minutes
Grindable	approx. 60 minutes
Recoatible	approx. 60 minutes
Dried through	approx. 12 hours

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Avoid direct sunlight!

Cleaning the working equipment

With water immediately after use.

To remove dried product residues we recommend using Aqua-Cleaner 8004 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Primed wood with Pyrolan Ionic Base KDI 5390

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

Wood moisture

13 % +/- 2 %

COATING SYSTEM**Primer**

1 x Pyrolan Ionic Base KDI 5390

Intermediate sanding

If necessary: Grit size 240 - 280



Intermediate coat	1 x Pyrolan Ionic Top UV 100 5391
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Intermediate sanding	If necessary: Grit size 240 - 280
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Finishing coat	1 x Pyrolan Ionic Top UV 100 5391
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MAINTENANCE AND RENOVATION

Maintenance	If required, remove dust and dirt from the still intact areas and paint 1 -2 x with 1 -2 x mit Pyrolan Ionic Top UV 100 5391.
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ORDERING INFORMATION

Size of trading unit	4 l; 22 l
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Colour shades	Farblos (Colourless), tingeable 5391000220
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Colour shades can be obtained using the **ADLER colour mixing system ADLERMix**.

Basis:

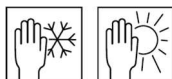
Farblos (colourless), tingeable 5391000220

- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.
- Please observe our **ARL 800 - Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines**

Supplementary products	Aqua-Cleaner 8004 Pyrolan Ionic Base KDI 5390
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OTHER INSTRUCTIONS

Durability/storage	At least 1 year in the original sealed containers.
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Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Technical specifications	VOC-content	EU limit value for Pyrolan Ionic Top UV 100 (Cat. A/e): 130 g/l (2010). Pyrolan Ionic Top UV 100 contains a maximum of 10 g/l VOC.
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Safety-related information



Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

The product is only suitable for industrial and professional use.

While grinding use at least dust filter P2 / P3 as personal protective equipment to protect against sanding and wood dust.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2).
