

ADLER Aqua-Isoprimer PRO Spray

4153050000

Water-based primer for interior wood with very good insulating properties for professional use

PRODUCT DESCRIPTION

General

Water-based, white primer based on a special acrylate-dispersion. The product is characterised by a very good insulating effect against colouring wood substances, high elasticity and filling power.

The low-odour and environmentally friendly product has a good firmness on vertical surfaces as well as an optimal flow.

Special properties and standards

- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



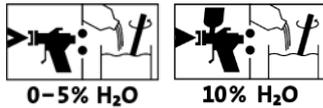
- Wood indoors.
- Application in combination with a suitable topcoat system.

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 %.
- Insufficient application quantities and/or stronger dilution reduce the insulating effect!
- Depending on the type of wood but also on the growing area, the content of coloured, water-soluble substances in the wood can vary considerably. It is therefore recommended to always carry out a trial coating on a part of the original wood in order to be able to assess the insulating effect.
- Full development of the insulating effect after drying overnight.

Application technique

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.28 or 0.33	0.28 or 0.33	1.8 – 2.0
Spray nozzle (ø inch)	0.009 or 0.011	0.009 or 0.011	-
Spraying angel (degrees)	20 – 40	20 – 40	-
Spraying pressure (bar)	80 – 100	80 – 100	3 – 4
Atomized air (bar)	-	0,5 – 1,5	-
Spraying distance (cm)	approx. 25		
Thinner	water		
Thinner amount added in %	0 – 5	0 – 5	10
Wet film (µm)	150 – 200		
Yield per application (g/m ²) ¹⁾	300 – 400		
¹⁾ Yield including addition of thinner and loss while spraying			

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

Drying times

(at room temperature 20 °C)



4h

Recoatable

after approx. 4 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.

Cleaning the working equipment

With water immediately after use.



To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water) or ADLER Abbeizer Express 8313000300.

SUBSTRATE**Type of substrate**

Wood and wood-based materials as well as stable wood coatings

Substrate property

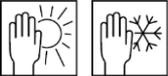
The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

Please observe and follow ÖNORM B 2230 Part 1.

See also VOB, Part C, DIN 18363, Paragraph 3; painting and coating work.

Please observe BFS data sheet no. 18.

Any coatings that cannot be recoated must be removed thoroughly.

Wood moisture	Hardwoods: 12 % +/- 2 % Softwoods: 15 % +/- 2 %.	
Preparation of the substrate	Wood, wood-based materials inside Round off any sharp edges, remove wood extractives such as, for example, resins and pitch pockets. Wood sanding with grit size 120 - 150 Old coatings Sand with grit size 120. Remove old coatings that cannot be recoated.	
COATING SYSTEM		
Primer coat	1 x ADLER Aqua-Isoprimer PRO Spray 4153050000 Intermediate drying time approx. 4 hours Please observe the relative technical data sheets of the products.	
Intermediate sanding	Sand primed surface with grit size 240. Remove sanding dust.	
		
Finishing coat	1 x ADLER Aqua-Nova PRO Spray M 4154009016 or 1 x ADLER Aqua-Nova PRO Spray SG 4155009016 Please observe the relative technical data sheets of the products.	
ORDERING INFORMATION		
Size of trading unit	4 l; 22 l	
Colour / degree of gloss	Weiß (white) 4153050000	
Supplementary products	ADLER Aqua-Cleaner 80080 ADLER Abbeizer Express 8313000300 ADLER Aqua-Nova PRO Spray M 4154009016 ADLER Aqua-Nova PRO Spray SG 4155009016	
FURTHER DETAILS		
Durability / storage	At least 1 year in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).	
		
Technical specifications	VOC content	EU threshold for ADLER Aqua-Isoprimer PRO Spray (cat. A/d): 130 g/l (2010). ADLER Aqua-Isoprimer PRO Spray contains a maximum of 90 g/l VOC.

**Safety-related information
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.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).
