

ADLER Acryl-Tauchgrund

40950 ff

Water-thinnable **wood dipcoat primer** based on special alkyd/acrylic emulsions for **industrial and professional use**.

PRODUCT DESCRIPTION

General

Good insulation effect from substances in the wood and resins. Enables particularly full-bodied opaque coats. Low raising of the wood grain, good processability.

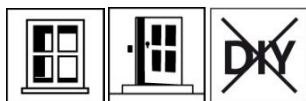
Specific properties

- The coat is protected against blue stain and mould.

Active substances

0,05 % (0,05 g/100 g) Iodpropinyl butylcarbamate (IPBC)

Application areas



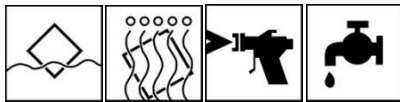
- For dimensionally stable and limited dimensionally stable timber components for exterior such as windows, front doors, window shutters, balconies, gates, winter garden, in usage class 2 and 3 without ground contact.

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.
- Optimal temperature range when dip coating or flow coating 15 – 25°C with a relative humidity of 40 - 80%.
- The product is not weather-resistant without a topcoat!
- After dip coating, the dip tank must be covered, otherwise a skin will form.
- Please follow our **“Working guideline for coating wood windows by spraying”** along with standards and guidelines for window construction!

Application technique

Application method	Dip coating	Spraying (Airless, Airmix)	Flow coating
Viscosity (s) 4-mm cup, 20°C	12 – 13	12 – 13	12 – 13
Viscosity (s) 2-mm cup, 20°C	70 – 80	70 – 80	70 – 80
Spraying nozzle (ø mminch)	-	0.28	-
Spraying nozzle (ø inch)	-	0.011	-
Spraying angle (degrees)	-	20 – 40	-
Spray gun pressure (bar)	-	80 – 100	-
Atomising air (bar)	-	0.5 – 1.5	-
Thinner	water		
Addition of thinner in %	approx. 40 %	approx. 5 – 10 %	approx. 40 %
Application quantity (g/m ²)	150		
Yield per application (g/m ²) ¹⁾	150 – 200 (diluted with approx. 40 % water)		
¹⁾ Yield including loss while spraying			

Attention: If the product is sprayed on, it is essential to use an A2/P3 breathing mask.

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)




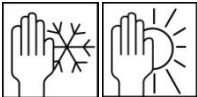
Dust-dry (ISO 1517)	after approx. 30 minutes
Tack-free	after approx. 1 hour
Dried through	after approx. 4 hour

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

Avoid direct sunshine (dries too quickly).

Cleaning the working equipment

With water immediately after use.

SUBSTRATE					
Type of substrate	Wood according to guidelines for window construction.				
Substrate property (or condition)	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	Dimensionally stable components: 13 % +/- 2 %				
COATING SYSTEM					
Primer coat	<p>Types of hardwood: 1x ADLER Acryl-Tauchgrund 40950 ff</p> <p>Types of softwood: 1x Aquawood TIG HighRes Weiß 5437 Drying at least 4 hours Light smooth sanding with grit size 280 1x ADLER Acryl-Tauchgrund 40950 ff</p> <p>Not weather resistant without topcoat! Please observe the respective technical data sheets of the products.</p>				
Intermediate sanding	Grit size 280				
					
Intermediate coat	1x ADLER Acryl-Spritzfüller 41002 ff Please observe the respective technical data sheets of the products.				
Topcoat	1x ADLER Acryl-Spritzlack Q10 M 4320 Please observe the respective technical data sheets of the products.				
ORDERING INFORMATION					
Size of trading unit	6 kg; 30 kg; 90 kg				
Colour / degree of gloss	White 40950				
Supplementary products	Aquawood TIG HighRes Weiß 5437 ADLER Acryl-Spritzfüller 41002 ff ADLER Acryl-Spritzlack Q10 M 4320				
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	<table> <tbody> <tr> <td>Delivery viscosity</td> <td>approx. 12 – 13 s according to DIN 53211 (4-mm cup, 20°C) or approx. 70 - 80 s (2-mm cup)</td> </tr> <tr> <td>VOC content</td> <td>EU limit value for Acryl-Tauchgrund (cat. A/f): 130 g/l (2010). Acryl-Tauchgrund contains a maximum of 110 g/l VOC.</td> </tr> </tbody> </table>	Delivery viscosity	approx. 12 – 13 s according to DIN 53211 (4-mm cup, 20°C) or approx. 70 - 80 s (2-mm cup)	VOC content	EU limit value for Acryl-Tauchgrund (cat. A/f): 130 g/l (2010). Acryl-Tauchgrund contains a maximum of 110 g/l VOC.
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Safety information



Please pay attention to the associated 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 commercial processing.
