

Aquawood Intercare Isogrip

5505

2-component intermediate coating for opaque wooden windows and front doors for industrial and commercial use

PRODUCT DESCRIPTION

General

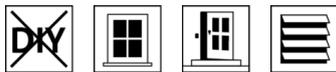
Water-based, white, 2-component intermediate coat.
The product is characterised by very good sandability, good filling power, very good insulating properties against water-soluble, colouring wood ingredients and outstandingly high wet adhesion, which also greatly improves weather resistance.

Special properties and standards



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

Application area



For dimensionally stable and limited dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows, front doors, window shutters, gates, winter garden.

PROCESSING

Processing instructions



- Please stir the product before use. However, prevent entry of air while stirring.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Too little quantity applied, too heavy intermediate sanding and/or increased thinning will reduce the insulation effect!
- Do not close containers with hardened material.
- When changing from Aquawood Intercare Isogrip (5505) to other water-based paint systems, care must be taken to adequately clean the pipes and spray equipment, preferably with warm water.
- 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.
- Please follow our **ARL 300 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - General part** along with all standards and guidelines for window construction.

Blending ratio



100 Gew.-Teil(e) Aquawood Intercare Isogrip (5505)
5 Gew.-Teil(e) Aqua-Hardener 8450 (8450000210)

Aquawood Intercare Isogrip (5505) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Aqua-Hardener 8450 (8450000210) must be carefully worked into the coating components by stirring before processing.

After addition of hardener, a waiting time of approx. 10 minutes is recommended for improved degassing.

Pot life



2 hour(s)

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Application technique



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)
Spraying nozzle Ø (mm)	0,28 - 0,33	
Spray nozzle (Ø inch)	0,011 - 0,013	
Nozzle angle (°)	20 - 40	
Spraying pressure (bar)	80 - 100	
Vaporizer Air (bar)	-	0,5 - 1,5
Applied quantity per application (g/m ²)	200 - 250	
Wet film (µm)	150 - 200	

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



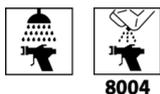
Recoatable	approx. 4 hour(s)
Sandable	approx. 4 hour(s)

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 paint residues we recommend using Aqua-Cleaner (8004) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Wood in accordance with the guidelines for window construction.

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.

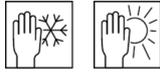
Wood moisture	13 % ± 2 %
COATING SYSTEM	
General	The following coating systems are exemplary.
Impregnation	<p>1 x Aquawood Primo A2 (5452)</p> <p>Intermediate drying time: approx. 4 hours</p> <p>Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use.</p> <p>Please follow our ARL 056 - Working guideline for the use of wood preservatives.</p>
Intermediate coat	1 x Aquawood Intercare Isogrip (5505)
Intermediate sanding 	<p>Grit size 220 – 280</p> <p>Remove sanding dust.</p>
Finishing coat	<p>1 x Aquawood Covatop XT 20 (5020)</p> <p>or</p> <p>1 x Aquawood Covapro 20 (5023)</p> <p>or</p> <p>1 x Aquawood Covapro 40 (5029)</p> <p>or</p> <p>1 x Aquawood Covapro 60 (5027)</p>
For front doors	An additional application of Aquawood Protect (5128) (colourless two-component varnish) is necessary.
ORDERING INFORMATION	
Size of trading unit	5 kg, 31 kg, 150 kg
Colour shades / Glosslevels 	<p>Standard colour(s): Weiß, tönbar (5505049100)</p> <p>Other colour shades can be obtained using the ADLER colour mixing system ADLERMix.</p> <p>Base paint(s): Aquawood Intercare Isogrip Weiß, tönbar (5505049100)</p> <p>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.</p> <p>Please observe our ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.</p>
Supplementary products	<p>Aqua-Cleaner (8004)</p> <p>Aqua-Hardener 8450 (8450)</p> <p>Aquawood Covapro 20 (5023)</p> <p>Aquawood Covapro 40 (5029)</p> <p>Aquawood Covapro 60 (5027)</p> <p>Aquawood Covatop XT 20 (5020)</p>

Aquawood Primo A2 (5452)
 Aquawood Protect (5128)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 1 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Close opened containers well and use up the content as soon as possible.

Technical specifications

VOC content of the ready-to-use mixture: EU limit for Aquawood Intercare Isogrip (Cat A/d):130 g/l.
 Aquawood Intercare Isogrip contains maximum 30 g/lVOC.

Giscode

BSW20

DGNB (German Sustainable Building Council)

Quality level 4 (with factory coating)

Safety information



The product is only suitable for the industrial and professional use.

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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.