

## Aquawood Intercare SQ

5522

Water-based insulating spray filler for industrial and professional use

### PRODUCT DESCRIPTION

#### General

Water-based, fast-drying, universal spray filler. The product is characterised by excellent filling power, very good insulating effect of wood substances, very good pore pattern and good grindability. Particularly environmentally friendly due to low content of organic solvents.

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

#### Special properties and standards



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

#### Application areas



- 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, etc.
- For humid areas (e.g. indoor pools) only with a special coating 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 +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!
- 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.

**Application technique**

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)
Spray nozzle (ø mm)	0.28 or 0.33	0.28 or 0.33
Spray nozzle (ø inch)	0.011 or 0.013	0.011 or 0.013
Spraying angle (degrees)	20 – 40	20 – 40
Spraying pressure (bar)	80 – 100	80 – 100
Atomized air (bar)	-	0.5 – 1.5
Fine strainer	100 mesh, approx. 150 µm <sup>2</sup> )	
Spraying distance (cm)	approx. 25	
Wet film (µm)	150 – 200	
Yield per application (g/m <sup>2</sup> ) <sup>1)</sup>	300 – 400	
<sup>1)</sup> Yield including loss while spraying		
<sup>2)</sup> Finer screens are not suitable		

**The product is ready to spray.**

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)



Recoatable	after approx. 4 hours
Recoatable after forced drying: 20 min flash-off zone 50 min drying stage (max. 35 °C) 20 min cooling stage	after approx. 90 minutes
Full development of the final characteristics	Overnight

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.

Avoid direct sunlight (very quick drying).

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).

**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.

<b>Wood moisture</b>	13 % +/- 2 %
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## COATING SYSTEM

<b>General</b>	The following coating systems are exemplary.
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<b>Impregnation</b>	<p>1 x Aquawood Primo A2 5452</p> <p>Intermediate drying: approx. 4 hours</p> <p>Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.</p>
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<b>Intermediate coat</b>	1 x Aquawood Intercare SQ 5522
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<b>Intermediate sanding</b>	<p>Grit size 220 – 280</p> <p>Remove sanding dust.</p>
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<b>Finishing coat</b>	<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> <p>Please observe the relative technical data sheets of the products.</p>
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<b>For front doors:</b>	<p>An additional application of Aquawood Protect 53215 is necessary (colourless two-component varnish).</p> <p>Please observe the relative technical data sheets of the products.</p>
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## ORDERING INFORMATION

<b>Size of trading unit</b>	5 kg, 25 kg, 120 kg
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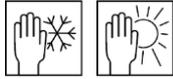
<b>Colour shades / degrees of gloss</b>	Weiß	5522050000
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<b>Supplementary products</b>	<p>Aquawood Primo A2 5452</p> <p>Aquawood Protect 53215</p> <p>Aquawood Covatop XT 20 5020</p> <p>Aquawood Covapro 20 5023</p> <p>Aquawood Covapro 40 W10 5029</p> <p>Aquawood Covapro 60 W10 5027</p> <p>ADLER Aqua-Cleaner 80080</p> <p>Aquawood Protect 53215</p>
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**FURHTER DETAILS**


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**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).

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**Technical specifications**

VOC content

EU threshold for Aquawood Intercare SQ (cat. A/d): 130 g/l (2010). Aquawood Intercare SQ contains maximum 70 gm./l VOC (Volatile Organic Compounds).

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**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](http://www.adler-lacke.com)**.

The product is only suitable for the industrial and professional use

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

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