

Aquawood Intercare SH

5515050000

Water-based **self-healing insulating spray filler** for **industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, fast-drying spray filler. Excellent permanent elasticity, good filling power and a good insulating effect from wood extractives. Particularly environmentally friendly due to low content of organic solvents. The product is provided with microcapsules for the sealing of cracks (hailstones).

Special properties and standards

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



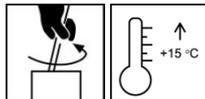
Application areas



- For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors.

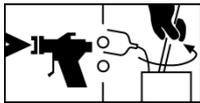
PROCESSING

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 %.
- Insulating effect by principle of „stainlocking (SL)“. The filler layer discolours due to wood extractives, but transfer to the top coat is prevented.
- No sanding of the product!
- Please follow our "**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**" along with all standards and guidelines for window construction.

Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)
Spraying nozzle (ø mm)	0.28 or 0.33	0.28 or 0.33
Spraying nozzle (ø inch)	0.011 or 0.013	0.011 or 0.013
Spraying angle (degrees)	30 – 40	30 – 40
Spraying pressure (bar)	80 – 100	80 – 100
Atomising air (bar)	-	0.5 – 1.5
Fine strainer	100 mesh, approx. 150 µm ²⁾	
Spraying distance (cm)	approx. 25	
Dilution (thinning)	water	
Yield per application (g/m) ²⁾¹⁾	300 – 350	
Yield per application (g/m) ¹⁾	150 – 200	
Wet film (µm)	150 – 200	
¹⁾ Yield including addition of thinner and loss while spraying		
²⁾ 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 at room temperature:	after approx. 4 hours
Recoatable after forced drying: 20 min flash-off zone 50 min. drying phase (max. 35 °C) 20 min cooling stage	after approx. 90 minutes

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 or ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE

Type of substrate Wood in accordance with the 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 1 x Aquawood TIG HighRes Weiß 543700101
Intermediate drying: approx. 4 hours
Please observe the relative technical data sheets of the products.

Intermediate sanding Grit size 280



Intermediate coat 1 x Aquawood Intercare SH 5515050000
Wet film thickness 150 – 200 µm
Intermediate drying: approx. 4 hours

Intermediate sanding No intermediate sanding!



Topcoat 1 x Aquawood Spritzlack XT 5020 ff
Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

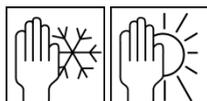
Size of trading unit 25 kg; 120 kg

Color shades/degree of gloss Weiß 5515050000

Supplementary products Aquawood TIG HighRes Weiß 543700101
Aquawood Spritzlack XT 5020
ADLER Aqua-Cleaner 80080
ADLER Abbeizer Rote Krähe 95125

FURTHER DETAILS

Durability/storage At least 1 year in the original sealed containers.



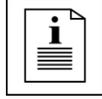
Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Technical specifications

VOC content

EU threshold for Aquawood Intercare SH (cat. A/g): 30 gm/l (2010). Aquawood Intercare SH contains maximum 20 gm./l VOC (Volatile Organic Compounds).

Safety-related 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 professional use.
