

Aquawood Intercare ES

5501

Water-based insulating spray filler for industrial and professional use

| | PRODUCT DESCRIPTION | |
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| General | Water-based, fast-drying spray filler. The product is characterized by very good sandability, good filling power, very good coverage and good insulating effect of wood ingredients. Particularly environmentally friendly due to low content of organic solvents. | |
| Special properties and standards | Registered in baubook | |
| | French ordinance DEVL1104875A regarding the marking of construction coating products for their emission of volatile pollutants: A+ | |
| baubook Produkt ist deklariert und validiert | | |
| EMISSIONS DANS L'AIR INTÉRIEUR- | | |

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.
- Particularly suitable for softwoods.

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!
- 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.

04-23 (supersedes 08-22) ZKL 5501

ADLER-Werk Lackfabrik, A-6130 Schwaz

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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 ²⁾ | |
| Spraying distance (cm) | approx. 25 | |
| Wet film (µm) | 150 – 200 | |
| Application quantity per application (g/m²) ¹⁾ | 170 – 230 | |
| ²⁾ Finer screens a | re not suitable | |

The product is ready to spray.

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 | after approx. 4 |
|--------------------------------------|--------------------|
| | hours |
| Recoatable after forced drying: | after |
| 20 minutes flash-off zone | approx. 90 minutes |
| 50 minutes drying stage (max. 35 °C) | |
| 20 minutes cooling stage | |

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 equipment



working With water immediately after use.

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

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| e guidelines for window construction. clean, capable of holding the paint, free such as grease, wax, silicone, resin etc. well as tested for suitability for coating. uction elements: 13 % +/- 2 % |
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| f Aquawood Protect 5128 is necessary varnish). |
| technical data sheets of the products. TION |
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| 5501050000 be obtained using the ADLER colour |
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Supplementary products

Aquawood Primo A2 5452 Aquawood Protect 5128

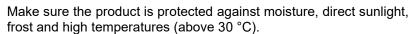
Aquawood Covatop XT 20 5020 Aquawood Covapro 20 5023 Aquawood Covapro 40 W10 5029 Aquawood Covapro 60 W10 5027

Aqua-Cleaner 8004 Aquawood Protect 5128

FURTHER DETAILS

Durability/storage

At least 1 year in the original sealed containers.





Technical specifications

VOC-content

EU threshold for Aquawood Intercare ES (cat. A/d): 130 g/l (2010). Aquawood Intercare ES contains maximum 50 gm./l VOC (Volatile Organic Compounds).

Safety-related 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.

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

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