Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

Technical data sheet

Paint runs through our veins.

Aquawood Intermedio ISO 5705

Water-based **intermediate coat** for **wooden windows and exterior doors**, for use in industry and trade

Optimised for a **3-layer coating system**

PRODUCT DESCRIPTION

General

Water-based intermediate coat. The product is block-resistant and also offers a high degree of elasticity, very good sandability and good filling performance, creating especially rich and smooth surfaces. Prevents coloured dip impregnation products from being removed by sanding. Minimises surface defects with larch and with resinous softwoods in general.

Special properties and standards

- **ADLER green product**
  ADLER green products are objectively tested and certified according to three categories: Environment, Health & Safety, and Durability. Please also refer to the sustainability data sheet.
- **declared product in baubook**
  Criteria of the "Baubook Ökologisch ausschreiben" fulfilled
- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

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

Especially well suited to coarse-pored hardwoods and resinous softwoods.

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 %.
- The product is not weather-resistant without a topcoat!
- Too little application quantity, excessively heavy intermediate sanding and/or increased thinning will reduce the stain-blocking effect!

PACHE sarl

6-0 IMC 5705 | 09/26 | replaces 5-0

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

- When changing from Aquawood Intermedio ISO (5705) 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.

Application technique

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,28		1,8
Spray nozzle (Ø inch)	0,011		-
Nozzle angle (°)	20 - 40		-
Spraying pressure (bar)	80 - 100		3 - 4
Vaporizer Air (bar)	-	0,5 - 1,5	-
Spraying distance (cm)	25		
Applied quantity per application (g/m²)	100 - 125		
Wet film (µm)	100 - 125		

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)

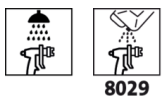
Dust-dry (ISO 1517)	ca. 30 minutes
Tack-free	ca. 1 hour(s)
Recoatable at room temperature	ca. 2 hour(s)
Recoatable after forced drying 20 minutes dripping zone 90 minutes drying stage (35 – 40 °C) 20 minutes cooling stage	ca. 90 minutes

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.

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 Clean Aqua-Cleaner (8029) (diluted 1:1 with water).

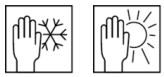
PACHE sarl

	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	1 x Aquawood Primo (5453) Intermediate drying time: approx. 4 hours Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use. Please follow our **ARL 056 - Working guideline for the use of wood preservatives.**
Intermediate coat	1 x Aquawood Intermedio ISO (5705) Intermediate drying time: approx. 2 hour(s)
Intermediate sanding	Grit size 220 – 240 Remove sanding dust.
Finishing coat	1 x Aquawood Finatop 40 (5140) or 1 x Aquawood Finapro 20 (5101)
For front doors	To achieve optimal chemical and mechanical resistance, an additional application of Aquawood Protect (5128) (colourless two-component clear coating) is recommended, or alternatively the use of the Aquawood Protor or Aquawood Dura system. Deviations from this system recommendation may lead to reduced surface resistance.
	ORDERING INFORMATION
Size of trading unit	5 kg, 25 kg, 120 kg poly drum
Colour shades / Glosslevels	**Standard colour(s):** Farblos (5705000200) Canapa/Hanf (5705050250) 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.
Supplementary products	Clean Aqua-Cleaner 8029 (8029) Aquawood Finatop 40 (5140) Aquawood Finapro 20 (5101) Aquawood Primo (5453) Aquawood Protect (5128) Please refer to the corresponding technical data sheets of the products.

PACHE SARL

Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

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: Limit value according to Directive 2004/42/EC for Aquawood Intermedio ISO (Cat A/e): 130 g/l. Aquawood Intermedio ISO contains a maximum of 70 g/l VOC.
Giscode	BSW50
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.**

PACHE SARL