

## AQUAPROFI LASUR FK

Water-based industrial impregnating treatment

3A51-a. May 2017

### Description

**Product:** AQUA PROFILASUR FK is a water-based impregnating-decorative protective treatment for wood, weather-resistant. It is particularly recommended for use in industrial, artisan and carpentry sectors, applied with an impregnating machine or spray. AQUA PROFILASUR FK contains active ingredients that protect the film from micro-organisms.

**Applications:** for the transparent treatment of outdoor and indoor wood, not subject to dimensional stability and not in constant contact with the soil or water, for example for coverings, wooden houses, beams, roofing and woodwork in general. The new structuring makes the product capable of minimising the phenomenon of wood silvering and special coloured pastes provide a more even, uniform surface. AQUA PROFILASUR FK regulates the exchange of moisture between the air and the wood and provides good UV radiation protection.

**Colours:** 00 colourless, 01 oak, 02 larch, 03 chestnut, 04 walnut, 10 light walnut, 27 teak, 35 wenge, 51 sheer white, 71 semi-covering white, 91 covering white and 92 ultra-white

**Packaging:** 20l – 100\*l and 1000\*l for etching colours and 5l- 20l – 100\*l (available for colours 51, 71, 91 and 92) (\*by order only).

### Technical data

**Specific weight:** approx. 1,05 g/cm<sup>3</sup> at +20 °C

**Flash point:** >100 °C.

**Viscosity:** 46-52s, DIN cup, 2 mm at +20 °C

**Drying time** after about 2 hours according to the type of wood, the quantity of paint applied and the atmospheric conditions. In low temperatures and/or high humidity the drying time is prolonged proportionally.

**Odour:** very weak odour; odourless once dry.

**Storage:** 3 years in intact containers. Store at a cool temperature protected from frost. Close partially used tins carefully; if there is a particularly large air space transfer to smaller containers.

### How to apply

**General:** mix the product well before use. Do not work at temperatures below +10°C (environment, surface or product).

**Application systems:** impregnating machine, brush, immersion and vacumat.

**Surface preparation:** the wood to be treated must be dry and free from dust and grease. Do not apply to wood with a moisture content over 18%. Completely remove any old film-forming paint or varnish because this will hinder the product penetrating the wood.

Application of a wood-protection primer such as colourless AQUAPROFI HYDROGRUND PLUS BP provides the surface with biological protection as well as producing more even colouring without too much difference between the appearance of hard and soft grain. However, using this method will produce a lighter final colour.

The inner substances in some types of tropical wood, for example iroko, can slow down drying, therefore these should first be cleaned with paint thinner.

**Application advice:** if large surfaces or highly absorbent types of wood are to be treated, moisten the wood with a damp sponge before application. To avoid leaving re-start marks, treat the surface along its total length following the direction of the grain. End-grain wood should be treated with more coats of AQUAPROFI LASUR FK or with a special sealant like AQUAPROFI SIEGEL to reduce water-absorption as much as possible.

Metal fixings (nails, screws, hinges) and other metal parts that may come into contact with the product must be in a corrosion-proof material.

### Recommended treatments:

New outdoor wood:	1-2x	AQUAPROFI HYDROGRUND PLUS BP or AQUAPROFI GRUND PLUS BPivT
	1-2x	AQUAPROFI LASUR FK

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Restoration:	Remove any poorly bonded paint or varnish; clean and sand down the surface to improve adhesion. Then 1-2x AQUAPROFI LASUR FK If the wood has been restored as new, follow the instructions for new wood.
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Colourless AQUAPROFI LASUR FK does not contain any pigments and does not provide any UV radiation protection. It is therefore advisable to use this outdoors only as a top coat on coloured paint or to lighten dark shades.

The effect of individual colours will vary with the type of wood and therefore it is always advisable to do a test application. We recommend checking the state of outdoor paint 2 years from application, particularly for items with south-west exposure and restore these if necessary.

If using white paint it is essential to apply at least 2 coats of the product to minimise the wood yellowing effect. The choice of a covering paint and a higher number white considerably prevents the original colouring of the wood reappearing.

The colour 92 ultra-white has been particularly studied for the application by impregnating machine. The best result is obtained by application of two hands but the specially studied formula permits to obtain an intense white and uniform surface, durable in time, even using only one hand applied by impregnating machine. The phenomena of yellowing is limited after application.

The product is ideal for the use on wooden coverings (risk class 1 and 2 according to EN 335) indoors or in covered outdoor environments. For the application in exposed outdoor environments (risk class 3 according to EN 335) the product has to be overpainted with a suitable top coat.

Please note that colour 51, sheer white, produces a lightly veiled, non-showy transparent look that does not substantially change the natural colour of the wood. It is therefore ideal for the use as transparent finish and when the aim is to emphasise the natural colouring of the wood while minimising yellowing.

**Consumption:** 12-16 m<sup>2</sup>/l per coat, according to the absorption of the wood. Run a test to work out the exact quantity.

**Dilution:** AQUAPROFI LASUR FK is ready to use and must not be diluted. If using impregnating machine, tap water can be used to dilute to a maximum of 3%.

**Tool cleaning:** with water immediately after use.

### Special instructions

Do not apply to wood liable to come into contact with food, animal feed or drinking water. Not suitable for beehives, saunas. The product is toxic for fish and fish-eating animals. Do not apply the product in unprotected places. Do not apply in the immediate vicinity of water courses. The product must not be thrown into water. Do not pour onto plants. Not to be sold loose.

During use ensure the face, hands and eyes are adequately protected and that the working area is properly ventilated. Mask electric switches and cabling and protect them from short circuits.

When cleaning surfaces painted with AQUAPROFI LASUR FK, do not use alcohol or solvent-based products or those that are acidic or alkaline. Use only water with neutral soap or light, neutral detergents.

Clean the tools used with Amonn Detergent and tap water.

**ADR/RID:** not applicable.

In the event of product escape or spills, mop up the liquid with absorbent material and dispose of according to current regulations. Do not dispose of with domestic waste, do not throw the product into the sewer system.

**Water hazard class:** class 2 (WGK 2), self classification: dangerous.

**VbF classification:** not applicable.

**European waste catalogue number 08 01 12.**

*The above instructions are consistent with the most recent information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied. If in doubt please contact our technical consultancy service.*