

Wood inside & outside

## Care instructions

# LIVOS for wooden windows

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## Properly treat and maintain wooden windows

Windows with wooden frames have a considerable value. The regular care of the wooden surfaces guarantees a long life and maintains their decorative effect. Without this care, paint films lose their water-repellent effect over time and the wood can absorb moisture unhindered. Possible consequences: The wooden frames "warp", lose their dimensional stability, the windows become leaky and can no longer be closed properly.

### What you should pay attention to every time you paint...

The coating of your window frames should always have the same structure and paint thickness on the inside and outside.

If maintenance measures on the outside have made it necessary to apply an additional coat, it is essential to repaint the inside of the window as well. Why? Because a thicker exterior coat impedes water vapor diffusion from the inside to the outside. This can lead to fungal growth and other damage in the frame wood.

In the exterior, UV rays, for example, cause the paint film to age. Therefore, always choose products with UV-resistant pigments and do not coat the inside or outside with a colorless product. This also applies to windows covered with aluminum on the outside.

### Preliminary work

If the old surface film is mostly intact, it is sufficient to clean it with GLOUROS Cleaner No. 1806 and, if rough, sand it with 180-grit sandpaper.

The new paint film, applied with a glaze brush, adheres well to a surface prepared in this way and allows even flow and homogeneous pigment distribution. This is the prerequisite for optimum UV protection.

Protect your window glass with painter's tape before painting. Paint splashes should be wiped off the glass immediately. Once the paint has hardened, it can only be removed with steel wool (0000).

### Visual inspection

The condition of the paint film should be checked annually on the weathered sides and approximately every two years on the weather-protected sides.

Particular attention should be paid to

- gloss loss
- cracking
- partial destruction due to weathering
- leaky joint areas.

(see notes on the reverse side)

## Care measures in case of:

### Gloss loss

In case of slight gloss loss, the surface should be cleaned with GLOUROS Cleaner No. 1806 and then rubbed down with KALDET Aftercare No. 276.

In case of significant gloss loss, the initial treatment product, e.g. ALIS Decking Oil No. 579 or KALDET All-Weather Stain No. 281, should be applied in two coats at intervals of 24 hours after cleaning and sanding with 240-grit sandpaper.

Please observe the symmetrical treatment of the interior and exterior window surfaces. (same coating structure inside and outside)

### Cracking in the frame wood

These can be caused by poor wood quality, a lack of primer or insufficient overall film thickness. Very dark coatings can also lead to extreme swelling and shrinkage, as they heat up strongly when exposed to sunlight.

In case of cracks, first clean and sand the surfaces of the crack and then apply a suitable priming oil, for example DUBNO Priming Oil No. 261 or ADAO External Primer No. 259 (for oak: LINUS Penetrating Oak Priming Oil No. 233). A fine brush is important for this. Any oil creeping out of the crack should be removed within 10 - 30 minutes after application, depending on air temperature and humidity.

If the initial treatment was made with ALIS Decking Oil No. 579, it should be reworked with this same oil.

### Partial destruction of the paint film due to weathering

If the paint film is destroyed down to the wood substrate, the only option is to totally rebuild the window coating. For this purpose, the entire remaining paint layer must first be sanded and primed.

After the primer has dried, a three-coat build-up with suitable LIVOS stains or oils (e.g. KALDET All-Weather Stain No. 281 or ALIS Decking Oil No. 579) should be applied.

### Leaky joint areas

If joints form in the frame construction during the construction phase or soon after installation, this is an indication that the moisture content of the wood is too high. Leaky joint areas conduct large amounts of water into the framing lumber and should be replaced by a professional.

For further information, please refer to the Technical Data Sheet. This can also be found on our website: [www.livos.co.uk](http://www.livos.co.uk)

Do you need personal advice or do you have questions about our products? Then reach us by telephone: **+49(0)5825-8830**