



*Ikkunat ja ovet*

# Lammin Windows Storage, Installation, Operation and Maintenance Instructions



Ikunat ja ovet

## Reception and Storage

The windows must be checked at the time of receipt and any transportation damage to the windows must be marked on the transport documentation. In case of any subsequent errors or omissions redress problems and make a complaint immediately. Damaged, technically inadequate or defective windows shall not be installed without the manufacturer's approval. By installing, you accept the products. The windows can be stored outside for a short period of time in their transport packaging, long-term storage only on dry surface, protected from rain. Detailed storage instructions attached to transport packaging.

## Transfers and protective cover on the construction site

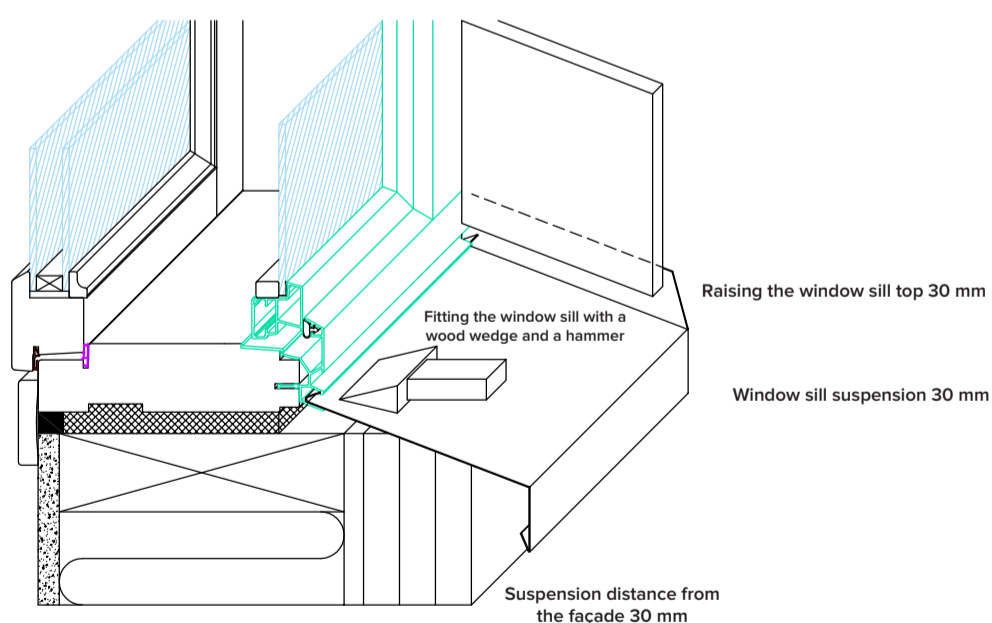
We strive to carry out shipments on transport packaging with due care. The packaging must be unloaded in a place where there is no risk to external persons. When unloading, make sure that the windows, sashes or frames removed from the window casing are not damaged during transport or during intermediate storage. The windows, unpacked from the transport packaging, must be protected from rain and external damage.

## Installation and instruction files

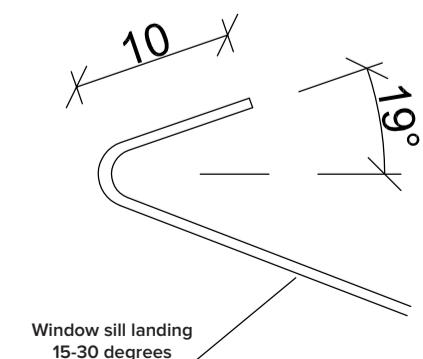
The windows' installation shall be carried out in accordance with the approved installation methods, the requirements of the different wall structures taking into account. The windows are to be securely attached to the wall structure with screws and wedges. The caulk gap shall be isolated with PU insulation foam or other acceptable insulating material airtight from its inner edge. Pay attention when using the insulating foam and follow strictly the instructions for its use. Check the windows if they operate properly and, if necessary, adjust the openings (e.g., the gap between the window and frame) and sealant gaps by turning the hinges. Perform the dimensioning, edging and fitting of the window sill as shown in the cutaway. Attach the loose-delivered surface fittings during installation.

Installation, fastening and flashing should comply with the instructions written in the RT Instruction files and Runko RYL 2000 guide. In case of doubt, contact the manufacturer.

## Dimensions and installation of the window sill



## WINDOW SILL BENDING DIMENSIONS



## Protecting the window installed in the opening

Once the window is installed, make sure the external caulk seams are protected from the rain water either temporarily or with planned mouldings or seams as soon as possible. The windows must be carefully protected against plastering, painting or fire operations during these works on the construction site. If the window is protected for ex. for exterior plaster, make sure that the window is sufficiently ventilated. Long-term plastic protection is not recommended. Use only high-quality construction or masking tapes for protection taping. See that the room is well ventilated during the construction period so that the window is not exposed to a moisture burden greater than in normal use of apartment. For more detailed instructions on the protection taping, look at: [lammin.fi/materiaalipankki](http://lammin.fi/materiaalipankki). If necessary, be in contact with the window manufacturer in terms of window protection.

## Safe operation and washing of windows

The ventilation windows are operated by a handle and the window stay in the ventilation window must be attached and fixed during installation to the window and must always stay in place; set the opening to the window frame to a maximum of 10 cm, keeping the child safety in mind. You can release the window stay coupling the sashes for washing and attach it back after washing. Open the other than ventilation windows for washing by first opening all the sash window locks and then pulling the sash/casing/frame inward. You need to support a lateral hinged casement window of a width over 150 cm when it is open. When closing the window, make sure that all the window locks are turned back in the closed position. See that the opened window casing is not burdened with an extra load for a moment.

## Repairing the damage on construction site

The white colour shade for the wooden parts is NCS 0502-Y and for white aluminium parts RAL 9010. The other shades are mentioned in the order confirmation. The possible damage from the surface finishing of the window is usually possible to repair at the construction site. However, take care of the mending immediately. The wooden window parts are repaired by grinding and painting; the detailed order-specific instructions are provided by the manufacturer. If the window glass or painted surface becomes dirty on the construction site during painting or other work, clear away the splashes immediately as indicated in the directions for use of this particular substance. Coated glass needs some extra special care by cleaning. You can ask tailored washing instructions from the manufacturer in need.

The insulating glass element is covered by a 5-year glass manufacturer's water ingress warranty. The warranty does not apply to glass breakage. Broken glass is replaceable by the window manufacturer or by a professional glass store. Order specific paint repair instructions and other advice from the manufacturer by e-mail [palaute@lammin.fi](mailto:palaute@lammin.fi) or by calling at +358 10 8411 700, please tell us the order confirmation number which enables us to provide you with the correct instructions. Glass warranties in accordance with the terms and conditions of the Finnish Float Glass Association ry.

## Periodic inspection and maintenance

The windows are designed to need low maintenance. To ensure trouble-free operation, it is necessary to check the performance of the seals and fittings among others once a year. Lubrication improves the operation of the fittings. The surface finish control and the required maintenance procedures must be performed according to the RT instruction files. Lack of maintenance or any action not in accordance with these instructions will invalidate the warranty and release the manufacturer from product liability. If anything puzzles you, contact the window manufacturer.

This manual is updated May the 23rd, 2022. We reserve the rights to change these Terms and Conditions at any time.

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