



**EXTERIOR DOORS
USE AND MAINTENANCE**

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Profin exterior doors have been designed to endure for several decades, depending on the conditions of the place of use. For You to be able to enjoy the elegant appearance and reliability of Profin products, we ask You to note the following instructions for use and maintenance. Following the maintenance and installation instructions is also a prerequisite for the validity of the guarantee given on the doors and windows.

DOOR USE

The model of the lock body fitted to the door depends on the contents of the delivery. The options are Assa LC200/Nemef or Abloy 4190/LC100.

Assa LC200/Nemef, operation

- Locking state: Turn the knob on the inside to the right, or the key to the left, the locking latch comes out. Handle turns, door does not open
- Daytime use state: Turn the knob on the inside to the left, or the key to the right, the locking latch retracts inside the lock body. When the handle is pushed down, the door opens.

Abloy 4190/LC100.

- Locking state: Turn the lock knob on the front shield of the lock body to the upper position. The lock latch is locked when the door is closed. The door cannot be opened by pushing the handle down. The lock can be opened by turning the key to the right or by turning the knob on the inside to the left.
- Daytime use state: Turn the key to the right or the knob on the inside to the left. Turn the lock knob on the front shield of the lock body to the lower position. The door can be opened by using the handle.

The amount of keys that you want, serialized as per your preference, have been supplied with the door delivery. Note down the serializing number mentioned in the delivery, you will need it if you want additional keys. Additional keys are supplied by authorized lock shops.

A door check, which slows down the closing of the door, adds to the safety and usage life of the door. Door checks are sold in hardware shops and lock shops.

A door retainer prevents the door from breaking, if e.g. wind throws the door open. Door retainers are available e.g. at hardware shops.

DOOR MAINTENANCE

Glass Surface

Clean the glass surface when necessary.

The glass surface does not tolerate strong alkaline substances, e.g. lime and cement, as well as some cleaning agents. Remove any previous substances from the glass surfaces immediately.

Mild general cleaning agents or special products intended especially for cleaning glass can be used as a glass cleaning agent, household vinegar also gives a good end result. Take care that washing water does not go between the glass and the wood. Washing can also be done safely using damp chamois and a squeegee. Paint and other substances adhered tightly to the surface can be removed carefully with a sharp putty knife.

If coated glass is in question, cleaning methods should be checked with the glass manufacturer.

In case the glass breaks we recommend that you consult a qualified glazier's shop.

Wooden Parts

Visible parts should be cleaned about every six months. The cleaning and maintenance interval depends on local conditions. The same general cleaning agents can be used for cleaning as with glass. The most difficult stains can be removed with a piece of cloth soaked with petroleum spirit, before regular washing.

Check the painted, lacquered and varnished wood surfaces yearly. If you notice any damage to the surface treatment on the wooden parts, repair measures must be carried out immediately. Repair painting should only be carried out during summers, which is when the moisture percentage of the wooden parts is under the required 15%. Follow the accompanying instructions for repair painting:

1. Remove loose paint, lacquer and wood with e.g. a brush
2. Sand the area to be painted
3. Wash the surfaces to be painted with mould wash fluid (follow the manufacturer's instructions)
4. Impregnate the exposed surfaces with general impregnant and let dry
5. Outer surfaces are painted 3 times with paint intended for outside use. If there is no separate sealing strip between the glass and the frame, apply paint also about 1mm onto the glass. Otherwise paint up to the edge of the sealing, be careful not to paint any sealing parts. Inner surfaces can be repair painted with paint intended for inside use.

Teknos AquaTop2600, shade NCS-S0502Y has been used as surface treatment agent with doors painted white. Teknos Aquagrund100 colour varnish and AquaTop2600 lacquer have been used for varnishing.

Present surface treatment agents retain their properties about 5-15 years, depending on environmental conditions, after which repainting should be carried out to extend the usage life of the door. The need for repainting is determined very individually, depending on the dirt, damp, and light conditions caused by the environment as well as abrasion.

Silicone seams and sealings are to be checked during cleaning. Damaged sealings are to be replaced to maintain energy efficiency. The silicone seams should be renewed if necessary to maintain waterproofing.

Fittings

Fittings and hinges are cleaned with general cleaning agent, mechanical parts are lubricated with e.g. lock oil. Check the tightness of the screws on the handle, the lock body, the cylinder body and the strike plate at regular intervals.

Possible Problems

There is steam or cloudiness inside a thermal glass element.

- There is a leak in the element, contact the seller or Profin Oy to work out the guarantee procedure. The glass element has a 10 year guarantee as from the date of purchase.

The door leaf rubs with the frame when closing

- Adjust the position of the door leaf by the hinges
- Check the straightness and the cross measure of the frame