

Installation, maintenance and use of windows manufactured by Haapsalu Uksetehase AS

You have obtained a high quality window manufactured by Haapsalu Uksetehase AS, which is given a two year warranty concerning the finishing and a five year warranty in relation to form stability. To avoid problems during the use of the product, please observe the requirements and recommendations given in these instructions carefully.

Upon the delivery of the windows, please check their quantity, completeness of shipment and for possible transport damages. Handles and ventilation louvers are supplied in a separate parcel. Please note all deficiencies immediately in the delivery note.

It is not recommended to store the windows for a long time. The windows should be stored in dry rooms with good ventilation in an upright position and protected against damage and soiling. Avoid storing the windows outdoors. If this is unavoidable, the stored windows should be protected against rainwater and the ventilation of wooden surfaces must be ensured.

Installation of windows

1. Ensure that the window opening has sufficient dimensions – 20-40 mm wider than the overall dimensions of the window frame. If necessary, change the dimensions of the opening to meet the requirements. The windows may only be installed in dry openings. In case it is unavoidable to install the windows in conditions where rainwater or condensed water can flow to the inner surface of the window, these should be protected with a plastic film. At the same time, sufficient ventilation of the wooden parts of the window should be ensured.
2. Clean the window openings from dust and other construction debris.
3. Level the bottom surface of the opening with support blocks. The number of blocks depends on the overall dimensions of the window.
4. Mount the window handle and, if needed, the fastening clips.
5. Remove the window wing (see figure 1) and lift the window into the opening. Fasten the window in corners with wedges or clips (see figure 2). Ensure that the window is levelled in all directions and that the casing does not twist. After wedging and levelling, the window should be fixed in the opening firmly enough that it would not be possible to move the window by hand.
6. Seal the window with low expanding foam or other appropriate insulating material. It is essential to protect the window surface against soiling, because it is not possible to remove the dried foam or paint and plaster splashes without damaging the window finishing. It should be observed that the protective tape is removed immediately after the completion of works.
7. Lay the window wing into the frame and adjust immediately (see instructions) if it appears that the movement of the window is hindered

Installation of the turn-and-tilt window frame

1. Installation of the frame on the lower hinge

(NB! The removing of the frame and the mounting should take place in the same position)



Figure 1

2. Positioning of the upper corner of the window frame

(NB! Align the position of the upper and lower pin of the frame hinge with the grooves of the hinge saddle located on the frame. The directions of the upper and lower pin should lie parallel to each other)

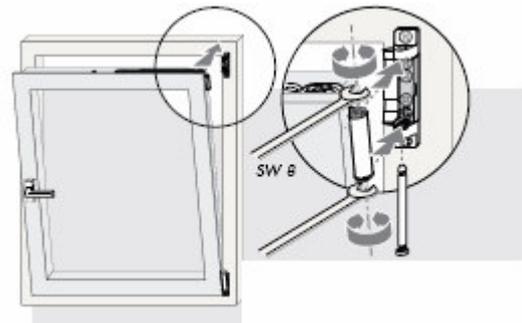


Figure 1

3. Open the window wing and bring it to the tilting position; release the inflexion mechanism

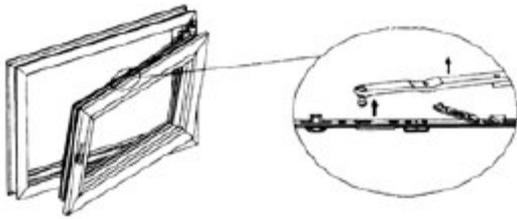


Figure 1

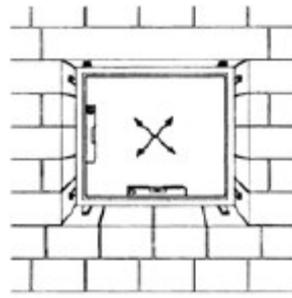
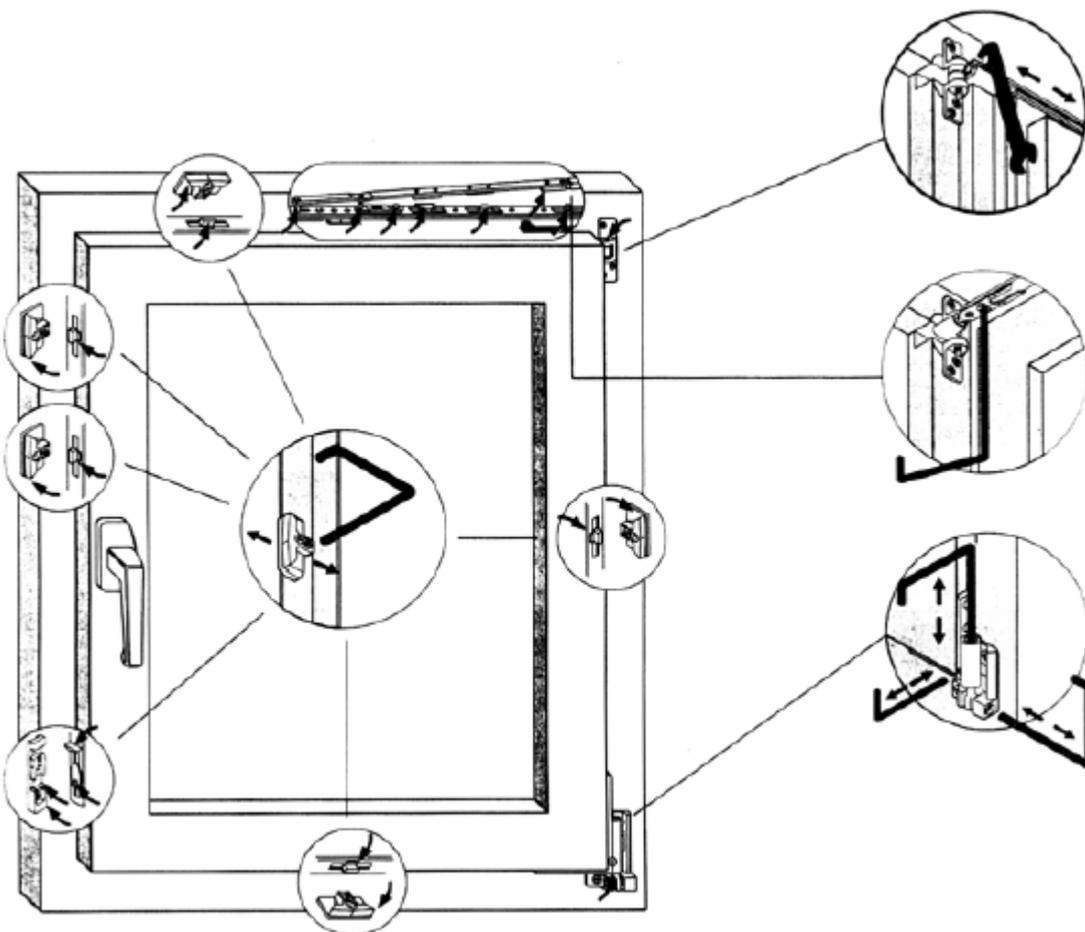


Figure 2

Protection and cleaning of windows after the completion of installation works

- When interior finishing and other works are needed after the installation of windows, during which the windows can receive mechanical damage and be soiled or moistened, the inner surfaces of windows should be protected e.g. with plastic film, paper or painter's tape. At the same time, the ventilation of the wooden parts of the window should be ensured. It should be observed that the protective tape is removed immediately after the completion of works.
- Special attention should be given to the protection of window surfaces against cement and lime water that can irreparably damage the window parts. For cleaning the windows use special detergents with a neutral pH level. Avoid the contact of wooden surfaces with solvents, alcohol, gasoline or aggressive detergents. Do not use abrasive detergents.
- During construction works using wet processes or carried out in unheated rooms, the evaporated water condenses on the cool surfaces of the structure, i.e. window panes and other wooden parts of the window as well as on the frame. To avoid damage to the finishing of windows and the wood, the wet surfaces of the windows should immediately be dried after the appearance of condensate and the rooms ventilated. If the relative humidity of the rooms is constantly high, this could result in the swelling of wood and damage to windows.
- It is not recommended to transport materials through the windows. Door openings should be used for that purpose. In case it is unavoidable to use window openings, the window wings should be fixed securely, the details of the lower frame covered with appropriate materials and the bending or other damage to the lower frame sheet avoided. Otherwise the window shall lose its air-tightness and thermal insulation properties.

Adjustable components of the window hardware (Figure 3)



Maintenance and adjustment of windows

High quality hardware (ROTO or SIEGENIA), Germany) has been installed to your windows, which is very durable and ensures comfortable opening and closing of the window. To maintain their smooth movement, they should be lubricated approximately once a year in the points shown in the Figure 3 with grey arrows. Use only oils that do not contain any acids or resins. At the same time, check also the fastening of screws.

You have obtained a high quality window, which has been carefully adjusted at the factory. Due to shipment and installation, an additional adjustment may still be required. It can be performed using the following methods (see diagrams):

1. Side adjustment +3 , -2 mm with an open end wrench no. 13
2. Side adjustment +2,5 , -2 mm with a socket wrench
3. Height adjustment +2,5 , -2 mm with a socket wrench
4. Adjustment of closing pressure 1 mm with a socket wrench
5. Adjustment of closing pressure 1 mm with a socket wrench

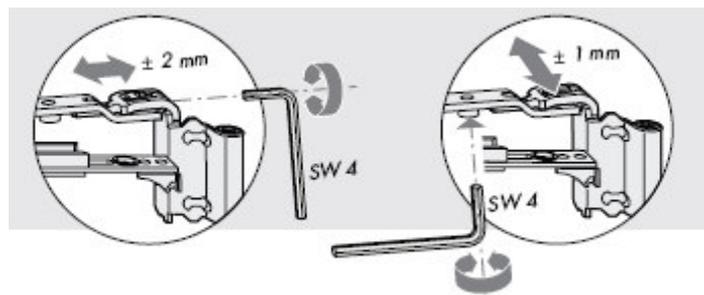
NB! The closing of the window should be performed with a slight pressure on the handle. If the closing is too easy, the closing of the window should be adjusted, because otherwise a good seal is not ensured.

Adjustable components of the window hardware

Scissors

Adjustment of the frame position

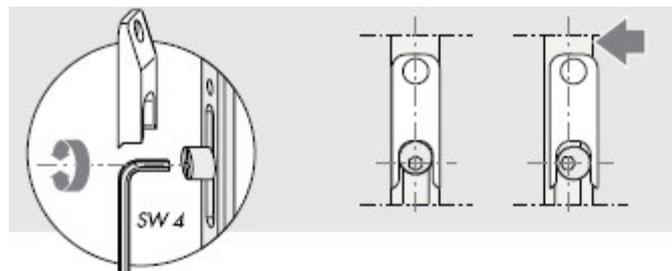
Adjustment of closing tightness



Eccentric fastening knobs

Adjustment of the frame closing tightness

Possible adjustment ± 1 mm



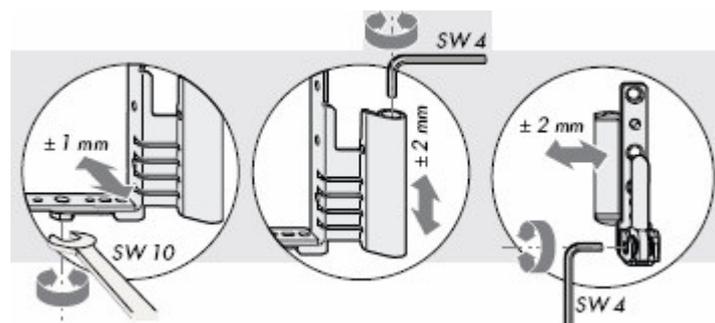
Lower hinge

Adjustment of closing tightness

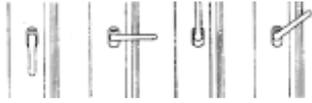
Height adjustment

Lower hinge support

Adjustment of the frame position



Use of windows



closed turn ventilation microventilation (optional)

1. Handle positions for opening the window



2. NB! Avoid double opening! In case the window is in turn position and the handle is turned to the tilt position, the wing of the window comes out of the latching. Then leave the handle in the tilt position, push the window frame with hand to the correct position and turn the handle 90 degrees into the turn opening position. Then close the window and turn the handle into the closing position. Now it is again possible to open the window without problems.



3. A window, which is opened or in ventilating position, does not meet any requirements concerning air tightness, rain resistance, noise reduction, thermal insulation or burglar resistance.



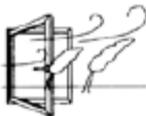
4. It is not allowed to hang any additional weights to the window frame.



5. Do not push or press the window frame against the window reveal.



6. Do not place any objects between the frame and the casing of the window.



7. In case of draught, do not leave the window in turn position. In case of heavy draught, the window in tilt position may close by itself. We recommend avoiding draught when the windows are opened.



8. The window that closes vigorously may cause injuries.



9. To ensure the safety of children, it is recommended to restrict the opening of the window with an opening limiter or a lockable handle.