



# EXTERIOR DOORS

## **FITTING INSTRUCTION**

**CLASSIFIED EI30/DB35 EXTERIOR DOORS  
INSTALLATION AND MAINTENACE GUIDE**

# FITTING AND MAINTENANCE INSTRUCTIONS

**Congratulations! You have purchased a high-quality Kaski door. With this fitting and maintenance instructions we would like to help you to keep the door working well from year to year. Please read the fitting and maintenance instructions carefully before you fit a door. Please keep the fitting and maintenance instructions for later use.**

## RECEIPT, STORAGE AND SURFACE TREATMENT

When you receive the door, check the condition of the door immediately. Make possible remarks within 7 days to the door retailer. If it is in question of transport damage, mark damages immediately up on the bill of freight of the transportation company. Don't fit a defective door without the permission of the manufacturer. The manufacturer doesn't compensate costs which are caused by the fitting of a defective door.

Please store the door in a dry room. Be careful that door is not bent during the storage. Protect doors from knocks and scratches during the building time, but don't tape the door because when you take off the tape, the surface of the door might get damaged.

If you bought a door which is not painted, please take care of sufficient painting or co-ating before or just after fitting the door. Please fit the sealant after surface treatment. The manufacturer doesn't cover the doors which are damaged by inappropriate storage or surface treatment.

## FITTING INSTRUCTIONS

1. When fitting the door, make sure that there is enough room for sealant between the frame and wall.
2. Please use wedges to get threshold horizontal.
3. Please fit the hinge side of frame straight with a hand level or a plumb line. Please support the fastening points with wedges and screw on the hinge side. Fasten the rebate side of the frame using wedges. Fastening and wedging points are shown in the drawing beside.
4. Please check the diagonal measures of the door frame as shown in the drawing beside.
5. Please check the inner width of the frame as shown in the drawing beside.
6. Please lift the door leaf into place. Please adjust the rebate side of the frame so, that the door fits well with sealant and there is sufficient clearance on all sides. Please fasten the rebate side of the door frame to the wall. Please check that there is enough clearance between the frame and the door leaf (appr. 3 mm every side).

Classified doors (EI30/DB30): Always use fire resistance wool (eg. Paroc Extra) for insulation material. By this way door is adjustable afterwards if needed. Use always wooden wedges for door adjusting. By wooden wedges set the threshold to horizontal position. Do not fit the door directly on concrete floor: always moisturation insulation under the threshold. Minimum thickness of fixing screw for classified door is 5mm. The length of the screw must be selected so that minimum half of the screw length is to be fixed the body of the building.

## MAINTENANCE INSTRUCTION FOR THE DOOR

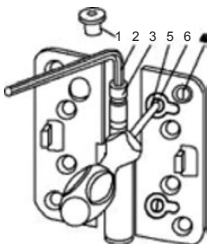
Painted doors: Please use water and mild cleaning agents for the cleaning of the doors. Don't use any strong solvents or friction agents, because they can soften painted and varnished surface. Also, don't tape the doors. When you take the tape off, the surface of door can be damaged.

Aluminum surface door: Clean doors with water and normal cleaning agent which don't include any solvent or friction agents.

Panel surface doors (exterior and cabin doors): We recommend the purchase of panel doors always with a surface treatment. If you buy a door without surface treatment, you have to treat the surface immediately. For the surface treatment we recommend Teknos paints and glazing paint colors or agents. Before you treat the door, you have to clean it well. Varnish the door twice after glazing paint. We don't recommend only varnishing without wood preservative.

## HINGES ADJUSTMENTS

### HIGH ADJUSTMENT

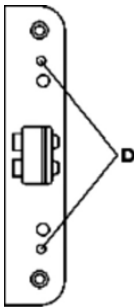


- loosen first the knob screw (1) and then you can lift the door by turning the regulation screw (3)
- one turn of the screw (3) clockwise by means of a hex wrench (2) WO 5 raises the door 1,2 mm
- do the operation to every hinge of the door so, that every hinge has an equal load

## HORIZONTAL ADJUSTMENT



- first loosen fixing screws (4) of the door leaf of the mid-most hinges with a couple of turns.
- turn both adjustments screws (6) of the lowest hinge clockwise by means of a screwdriver (5) to desired amount
- one full turn of adjustment screws (6) moves the door 2 mm to the lock side
- do the same operation to the next topmost hinge
- finally tighten the fixing screws (4) of all hinges
- normally you don't have to adjust the uppermost hinge



## ADJUSTABLE HIGH-SECURITY STRIKER PLATES

Adjusting the striker: Rotate the adjusting screws (D) by turning them with a small flathead screwdriver to the desired direction to obtain a proper door function and sealing. Rotating the screws clockwise make the door fit tighter.

Note! Both screws must be screwed only a bit in turns, keeping the adjustment box (E) parallel with the striker edge! Do not use excessive force while turning the screws to avoid possible damage, when the box reaches it's end positions!

## MAINTENANCE INSTRUCTIONS FOR LOCKS

The lock is one of the most important security devices in a building. That is why it has to be installed, operated and maintained correctly. Do following maintenance tasks once a year or whenever you notice that the lock function has been impaired:

1. Lubricate lightly the blot and trigger bolt. Use only good quality lock or sewing ma-chine oil.
2. Lubricate the cylinder and the bases of thumb turn and handles with a drop of oil and operate the lock for a few times to spread the oil between the moving components.
3. Inspect that all visible fixing screws are properly tightened. Tighten them always
4. whenever it is necessary.

We reserve all rights to changes.

## **KASKI-FRAME GASKET**

If you have purchased a door with KASKI frame gasket, you must ensure the correct performance of the gasket as follows:



1. Please make sure that Kaski-gasket do not face with too much stress because of wrong adjustment of door. Gasket must face the door equally from all directions.
2. Please prevent gasket from strikes from sharp edges, eg. furnitures during moving in.
3. Please keep threshold clean from sand or other impurities. Do not use sharp objects for cleaning the threshold which can damage Kaski-gasket. If the gasket surface get ripped or damaged despite of precautions, gasket must be fixed eg. with the tape designed with exterior use. Water can get into damaged gasket so the gasket will not work as planned and it can get frozen.

**KASKI**

[www.kaski.fi](http://www.kaski.fi)