

## **INSTALLATION MANUAL FOR PROFILE SLIDING DOOR**



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## GENERAL WARNINGS



### ATTENTION!

A Series of precautions must be taken to install this door. For safety reasons pay attention to following warnings and instructions! In case of doubt contact the supplier. This manual is meant for experienced installer.



This manual includes only the installation of door. Additional elements require separate instructions.



Read this manual carefully before installation.



Certain parts of this product may have sharp edges. Protective gloves are recommended.



Parts of the door are heavy.



All that is necessary to install this door is included in the package except insulation material between the wall and the frame and support blocks. Adding other elements may affect safety and warranty.



Make sure that there is enough light in the installation area. Remove items not necessary and dirt. Unauthorized persons (especially children!) may get hurt if present.



Make sure that the wall is strong enough for installation. In case of doubt contact the builder.



Make sure in case of frame it is installed rigidly to load bearing constructions.

In case of questions contact AS Saku Metall Uksetehas.

## PRODUCT TYPES



This installation manual covers only following product types: :

1. PSD011 – Steel profile sliding door Forster Norm profile;
2. PSD111 – Steel profile sliding door/wall Forster Norm profile

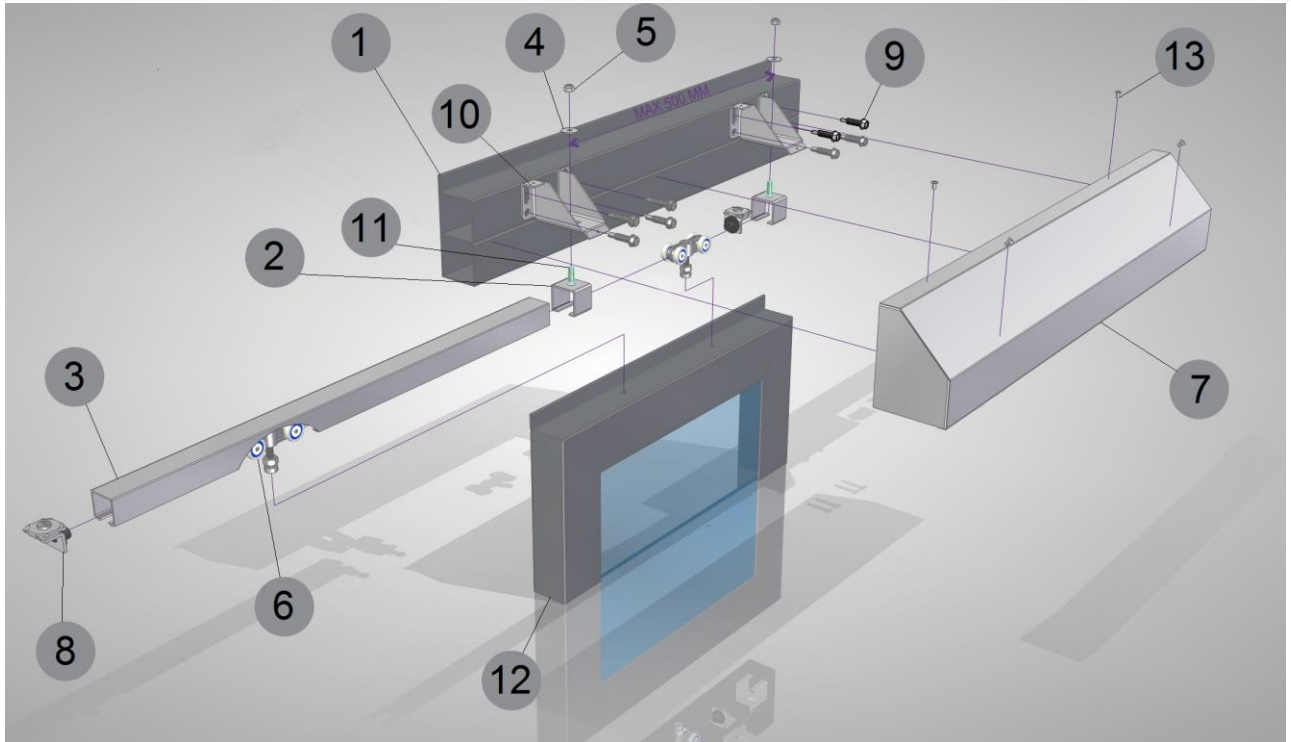
## FASTENERS

Table 1 there are minimal recommended fasteners to wall sections.

Table 1

	Tracker carrier	Locking profile (if it is designed)
Concrete	Hexagon screw Ø8x100 mm, dowels Ø10 mm	Hexagon screw Ø8x100 mm, dowels Ø10 mm
Lightweight concrete (Fibo, Aeroc)	Screw ESSEVE 8x120 105232	Hexagon screw Ø8x100 mm, dowels Ø10 mm
Frame with rectangular profile wall thickness 5 mm	Self tapping screw M8x40 mm, washer M8	Self tapping screw M8x40 mm, washer M8

In stone or concrete wall use 10mm drilling bit.



POS nr	Detail/Part	POS nr	Detail/Part
1	Wall section 	8	Stop KPP-075 
2	Wall bracket K-075 	9	Self-tapping screw 6,3x32 
3	Track K-075 	10	Tracker carrier K-075 
4	Washer wide M6x20 	11	Socket countersunk screw M6x20 
5	Nylock nut M6 	12	Sliding door 
6	Hanger MP-075 	13	Rivet 
7	Cover 		



## ORDER OF INSTALLATION

1. Upon placing the door on floor or ground use rubber, board, wood or plastic material for protection of paint layer
2. Check the presence of fixings and tools.
3. Check the preparation of construction aperture. The greatest allowed width of construction aperture from frame is +40 mm and height +20 mm (for frames with sleeves +30 mm and +15 mm accordingly). In case of larger gaps make the construction aperture into compliance with the required dimensions. Ensure that frame and fixing devices do not contact possible public utility networks inside the wall.
4. Begin installing tracker carrier system. Drill top holes for tracker carrier (10). Check that the holes are alligned. Tracker carriers distance must be max 600mm.
5. Measure and cut the track (3) to the right length.
6. Screw the tracker carriers (10) with self tapping screw 6,3x32 (9) or similar.
7. Install the wall brackets (2) with screw (11), washer (4) and nut (5).
8. Slide the track (3) in the wall brackets (2).
9. Check that the track (3) is on the level and parallel to the wall. If not, adjust from the tracker carrier (10)
10. Slide the hangers (6) to the track (3).
11. Lift up the sliding door and place in front of the door opening 10mm from wall or wall section. Place 10mm wedges underneath the sliding door for distance. Fix the hangers (6) to the sliding door predrilled holes. Tighten the hanger (6) nuts to the point that sliding door supports itself and is 10mm from the floor.
12. Install the stopper (8) each side of the track (3).
13. Check that the door moves freely in the track. Check that the door is on level. If not, adjust from the hangers (6) nuts.
14. Bottom floor guide AOL-12 is installed on the doorhandle opposite side corner. Check that the floor guide is placed such that door moves parallel to the wall or wall section.
15. If you have checked that door moves freely and everything is parallel and level then you may fix the lower screws to the tracker carrier (10) , do final adjustments to the stopper (8) and tighten the rest screws.
16. Fix the cover (7) to the tracker carrier(10) with rivets (13) or alternatively self tapping screws.

## FITTING INSTALLATION

1. Install fittings according to fitting installation manual.
2. Install flush sliding door handles with rivets.

## SLIDING DOOR OPERATOR INSTALLATION

Install the operator according to the operator installation, operation and maintenance manual.