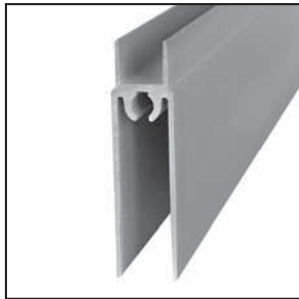


# SLIDING DOOR SYSTEMS: CONSTRUCTION MANUAL

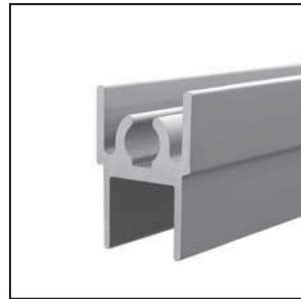
## SLIDING DOOR SERIES 750

6<sup>th</sup> edition Bremen, July 2007

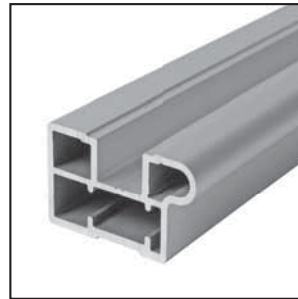
### ACCESSORIES:



1\_



2\_



3\_



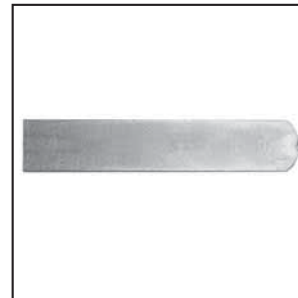
4\_



5\_



6\_



7\_



8\_

**1\_ Bottom rail (15.04.0xx)**\_forms the frame for the door together with the vertical and top horizontal profile.

**2\_ Top rail (15.12.0xx)**\_forms the frame for the door together with the vertical and bottom horizontal profile.

**3\_ Stile S750 asymmetrical (15.01.020)**\_a left and a right profile is used for each door. In order to fasten the horizontal profiles, two holes are made in the bottom of the profile and one in the top.

**4\_ Stile S750 symmetrical (17.01.020)**\_a left and a right profile is used for each door. In order to fasten the horizontal profiles, two holes are made in the bottom of the profile and one in the top.

**5\_ Top roller (10.01.015)**\_is fit into the top of the vertical profile.

**6\_ Bottom roller with anti-jump spring (10.01.020)**\_is pushed into the bottom horizontal profile.

**7\_ Plugs (10.07.051)**\_to cover the drill holes. Is needed only during the final installation step.

**8\_ Frame screw (15.07.012)**\_to fasten the vertical profiles to the horizontal profile.

**\_Allen key 4 mm**\_to adjust the bottom roller (height adjustment).

**\_Allen key 5 mm**\_to tighten the frame screw.

#### You will also need:

**\_Rubber mallet**\_to fasten the profile to the panel.

**\_Cutter or blade**\_to cut the corners of the gaskets (if needed).

**\_Gasket (accessory)**\_for panels up to 8 mm (10 mm panels do not require a gasket). Ask your supplier.

**\_Dust excluding brush (accessory)**\_to seal the crevices (spaces) between the door and the wall and between doors. Ask your supplier. **The dust excluding brush is needed only during the final installation.**

easy

medium

difficult\*

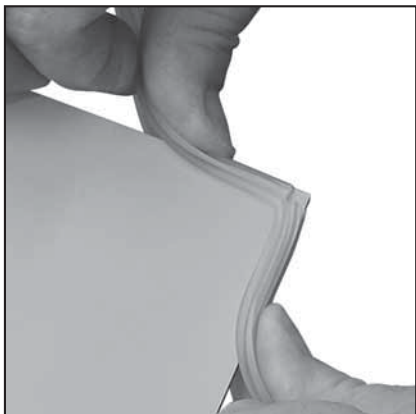
Manufacturing

Assembly

**raumplus**

\*Base for the degree of difficulty is a standard sliding door without slant.  
This is to be classified as "easy" in respect of production and installation.

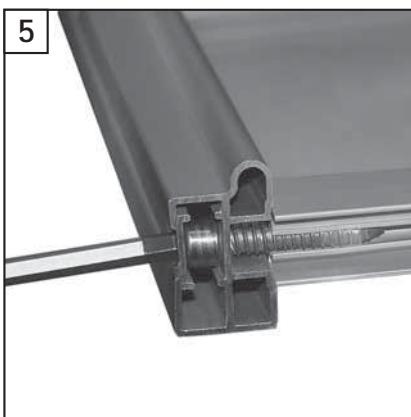
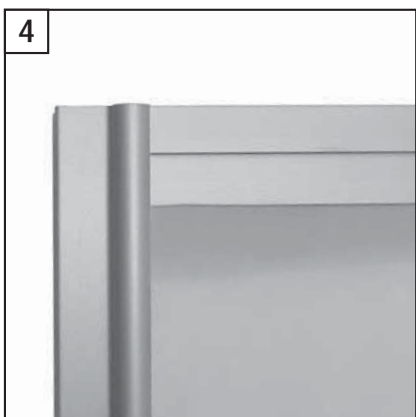
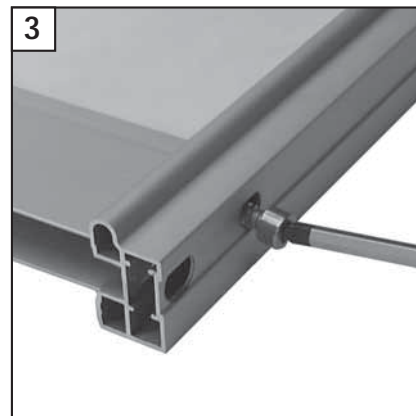
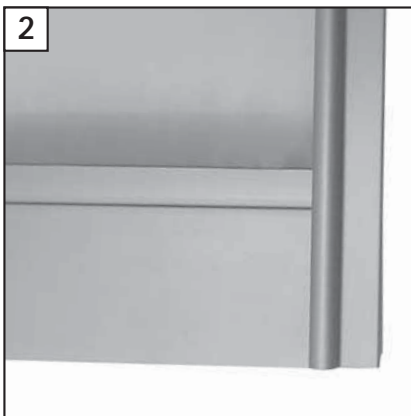
## PREPARATION:



After you have decided on a door panel you may begin with the construction. For wood doors you may skip directly to the assembly section, with a glass or mirror door you need a gasket. Keep in mind the thickness of the door panel in order to select the proper gasket (panel thickness with glass 4 to 8 mm).

The gasket must be stretched taut around the panel. To do this you should begin in the centre of the top rail. For the corner, cut an approx. 2 mm deep notch into the gasket and stretch the gasket over the corner. (see left picture).

## ASSEMBLY:



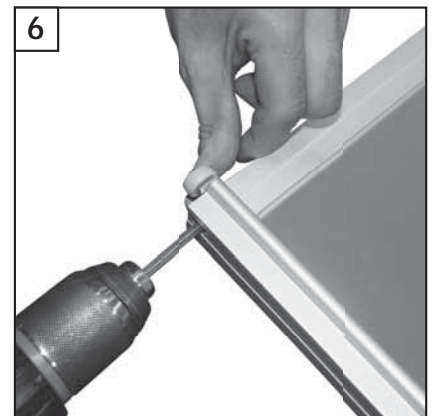
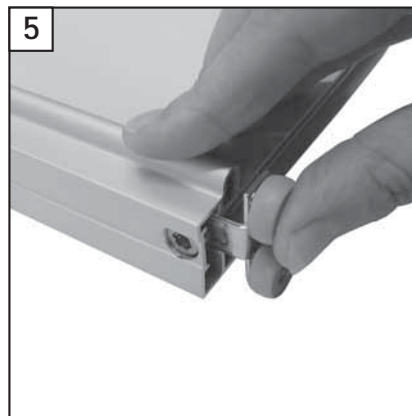
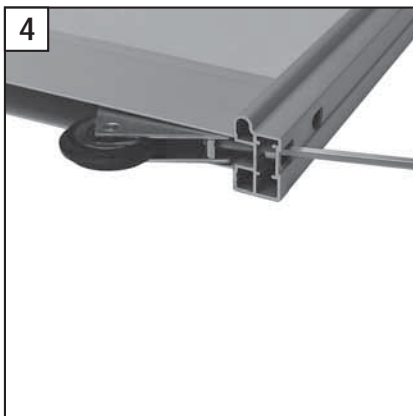
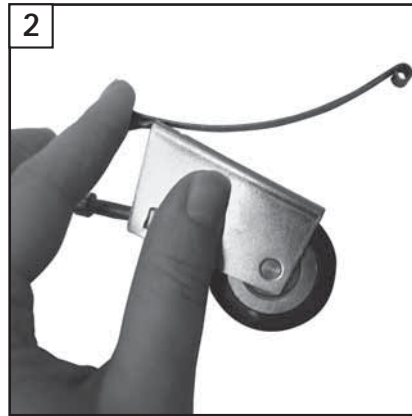
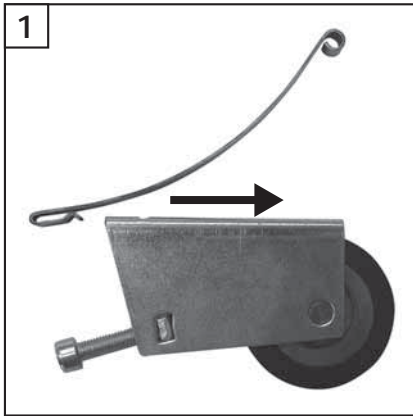
Lay the door panel with the rear side facing down on the assembly table.

Begin with the bottom rail by tapping the rail to the door panel with the rubber mallet. Then repeat with the top rail.

You must make sure that there are both left and right vertical profiles. The double punch holes belong at the bottom (picture 3).

Tap the vertical profile to the panel so that it joins directly with the rails (picture 2 and 4). Thereby aligning the vertical profile with a straight edge (straight edge striker). Screw together in with the frame screws. Note that on the bottom rail there are two punched holes. Use the top hole (picture 3).

## FITTINGS:



Attach the anti-jump spring to the roller (pictures 1 and 2).

Put the bottom roller into the bottom rail and screw the machine screw through the bottom pre-drilled hole into the roller so that it is fixed (picture 4). The roller is also adjustable with this screw.

With the top rail, screw in the screws completely to widen the thread, then unscrews them a bit so that the rollers can be pushed in (picture 5).

At the top, push the top guiding roller into the top of the vertical profile (picture 5) and screw it in tightly (picture 6).

**Important:** Please tighten the screw for the top roller carefully. By applying too much power you could damage the top roller.

## CUTTING MEASURE PROFIL SYSTEMS 750:

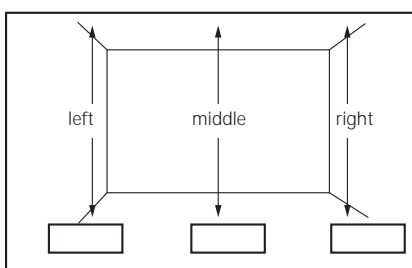
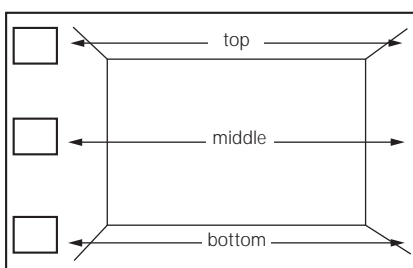
door overlap (mm): 20

vertical profile (height deduction mm): 40

horizontal profile (width deduction mm): 40

degree of panel; deduction from doors height (mm): 62

degree of panel; deduction from doors width (mm): 27



If you do not have a pre-cut panel, you have to measure the width and height exactly. Please take the dimensions from the measurement instructions.

# \_DETAIL DRAWING

