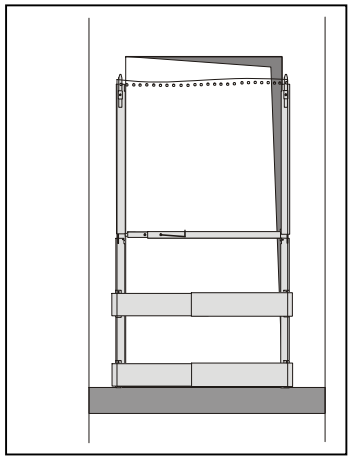
Installation instructions for the Stingl shaft barrier system S0/S1



Scope of delivery
1 telescopic beam with support pillars and L-shaped bolt, 2 height adjustable foil holders,
1 closure foil, 1 storage bag,
2 telescopic spars made of synthetic material as knee and foot protection
3 spacers 80x80x3 with HST M8 bolts

This product complies with following norm: EN 13374:2013+A1:2018

General:

The side guard (lateral side protection according to protection class A) must consist of a grab rail spar, and intermediate spar (knee protection) and a skirting board (foot protection). If the telescopic plastic intermediate rails or skirting boards available from STINGL are not used, the following quality demands on customer parts are to be taken into consideration:

- In case of the use of timber wood planks, those must comply with the strength class according to EN338:2016 C16 as well as the sort class S7 according to DIN 4074-1 “Sorting of coniferous timber and poplar”.

- The upper edge of the skirting board must be at least 10 cm above the fitted surface. Skirting boards must be at least 3 cm thick. The distance from the skirting board to the fitted surface and from the skirting board to the laterally connected structural parts must not exceed 20 mm. Deviating from this, the skirting board can be omitted if the side guard has a distance of more than 30cm from the descending edge.

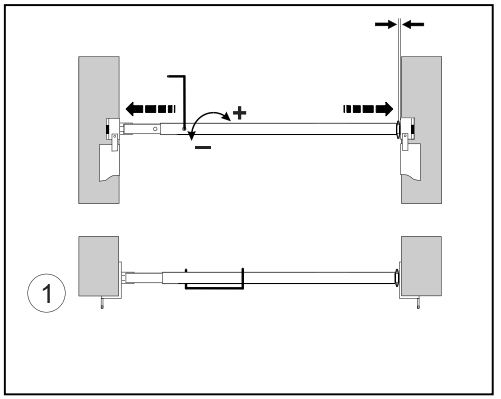
- In the case of a support pillar distance of up to 2 m, boards with a cross-section of at least 3 cm x 15 cm must be used as an intermediate spar. The side guard sections (knee and foot protection) must be secured in a built in state against unintentional loosening (e.g. by positive locking connections to the support pillars using nails).

Installation stages

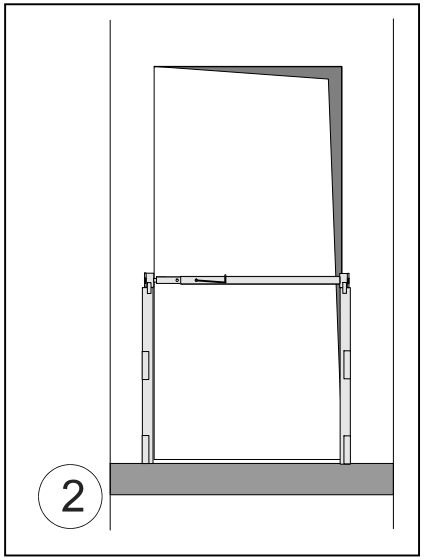
1) Installing the telescopic beam with support pillars and the foil holders
2) Installing the closure foil

1) Installing the telescopic beam

a) Firstly, the telescopic beam must be coarsely adjusted to fit the width of the shaft opening. To do this, the relevant holes in the inner and outer tubes must be aligned. The telescopic beam is locked by inserting the L-shaped pin (serves as a safety measure and leverage arm). The L-shaped pin itself must then be secured with a safety pin. (The telescopic element is protected against overwinding and cannot be wound apart).



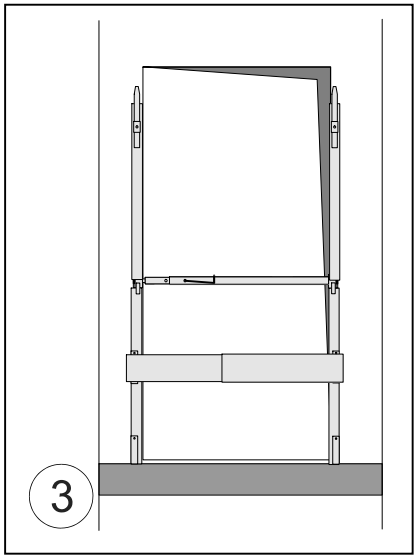
b) The telescopic beam is fitted to the outside of the shaft. To do this, the ends of the bracket must be positioned on the frame (see Fig. 1). The height at which they are fitted is determined by the unfolded vertical support pillars. Ensure that firm contact is made with the ground (see Fig. 2).
Max. inclination less than 10 degrees relative to the horizontal.



c) For fine adjustment, the L-shaped bolts must be turned in the "+" direction (see engraving on the right bracket) to tension the telescopic element in the frame.
It must be ensured that it is tensioned sufficiently but not so tight that the holes are deformed by over tensioning. Tensioning must be carried out in such a way that the spring disks are in full surface contact with the frame.
Upon successful completion of tensioning, the L-shaped bolt must be folded down in a longitudinal direction. The telescopic element can be released by turning the L-shaped bolt in the "-" direction.

d) Before installing them adjust height of the foil holders with the screw in the top section according to the given door measures. The foil holders are then to be mounted to the ends of the brackets by placing them in the provided metal pockets.

e) Now, one of the telescopic protection elements must be fitted in the knee section atop of the supports provided in the support pillars (see Fig. 3). Use the slits in the protection elements to slide over supports.

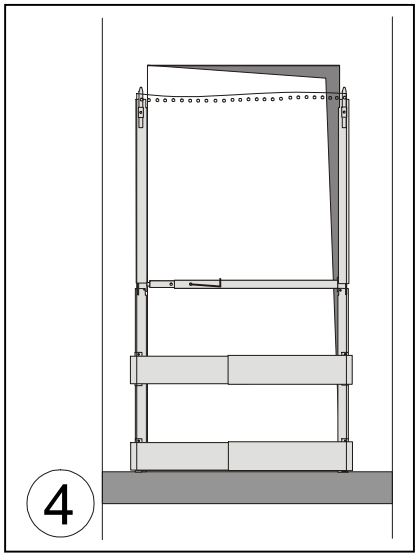


2) Installing the foil

a) The foil must first of all be hooked over the adjustable device on the left foil holder. Use eyelets on the top end of the foil. Make sure that, if applicable, the logo on the foil is centralised.

b) Now hook the foil to the right foil holder. The foil must be sufficiently taut. The remainder of the foil now hangs loosely down the left and right-hand side as well as on the ground.

c) The second protective element must then be fitted in the foot section atop of the supports provided in the support pillars (see Fig. 4).
Squeeze the remainder of the foil behind the foot protection. The foil must be adequately tensioned vertically.

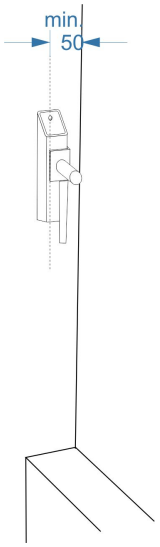


Important information

Damaged parts may not be used! The device may only be mounted on sufficiently stable parts of structural works capable of taking up and passing on the forces which are produced! The contractor must ensure that the installation, conversion and dismantling is carried out in such a way that the risk of falling down is as low as possible!

The disk springs must always fit close to the angle and, if necessary, be retightened during the course of the construction project! The relevant health and safety regulations for our product imposed by domestic supervisory bodies must be followed strictly!

If there is no door soffit, the notion of a soffit can be created using the 80x80x3 enclosure spacer. Using the supplied HST M8 dowel, the spacer is screwed to the intended clamping point of the concrete wall at the top and bottom. This fully distributes the load into the concrete wall via the spacer. This type of mounting is only permitted for concrete walls with a minimum concrete grade of C20/25. Mounting must take place at least 50 mm away from the inner door soffit edge (if present).



After the plunge of a person or an item onto or into the shaft barrier system and its accessories the damaged system may only be used again after examination of a competent person. Damaged and not yet examined parts may not be used again!

This product is maintenance-free, however, shall the system show damage it may not be used again. Before each new use of the shaft barrier system, the proper mounting of the product must be examined by a competent person.

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