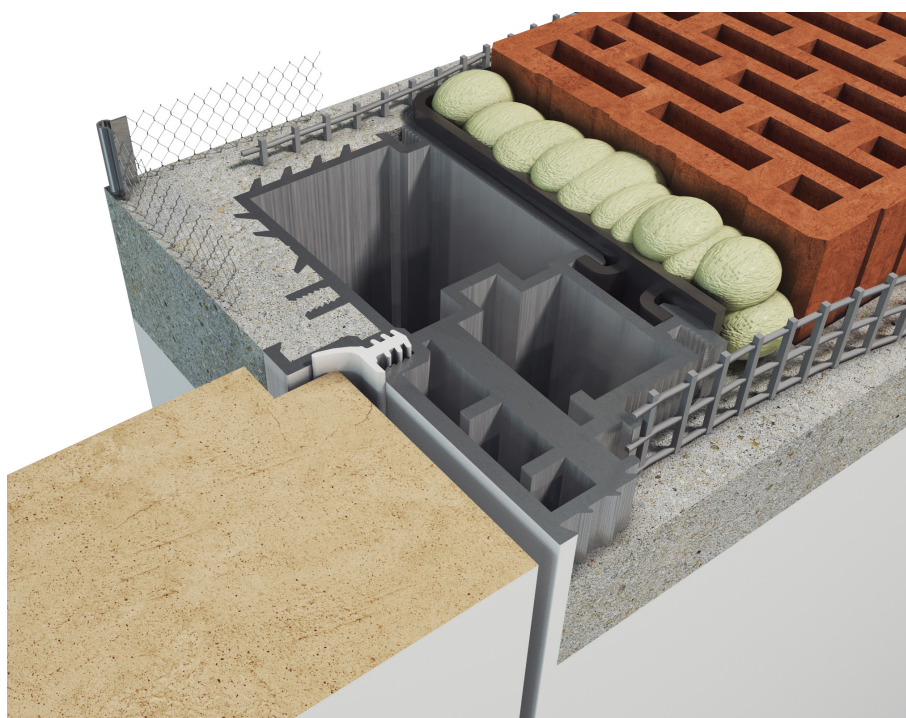


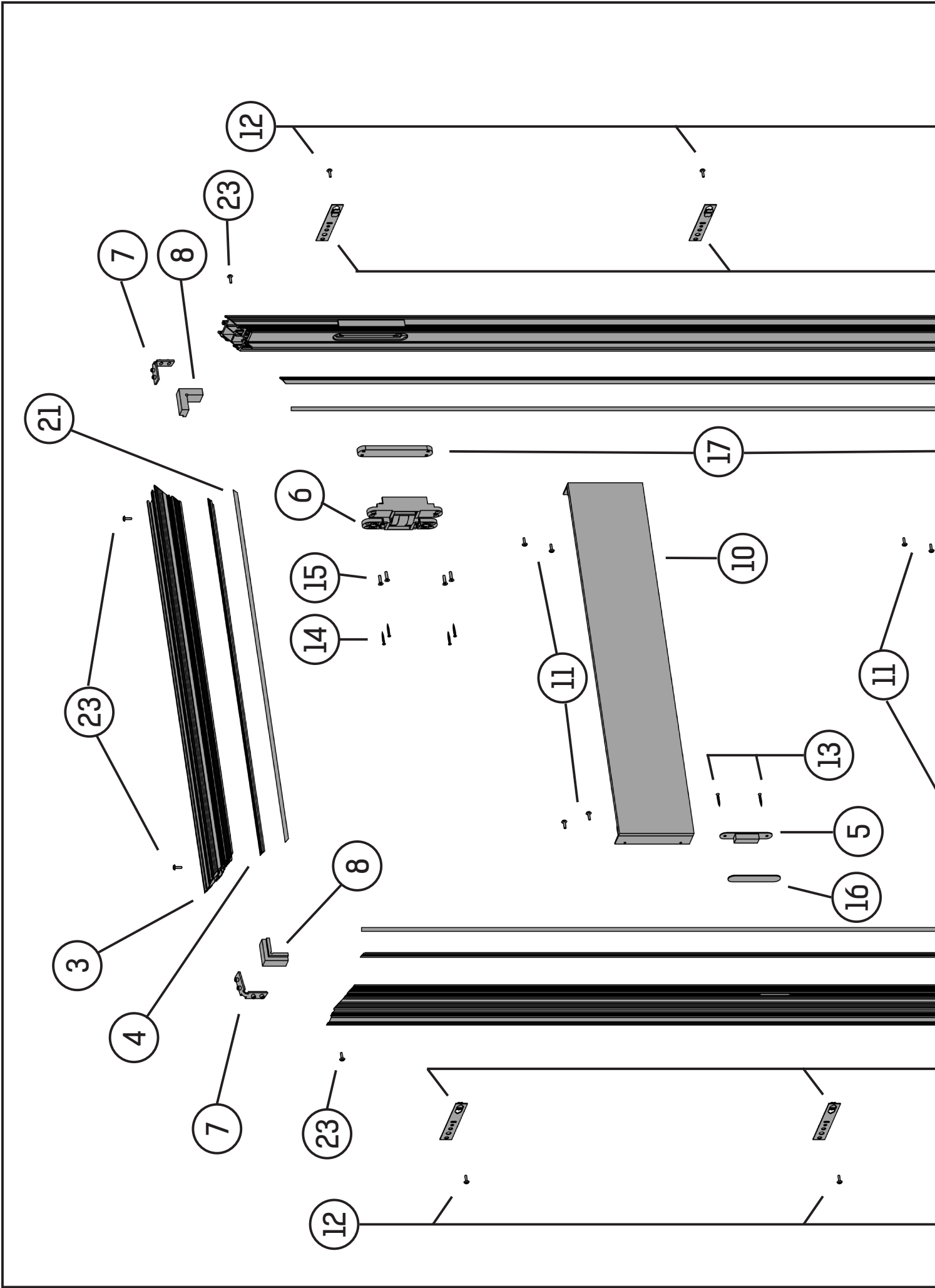
SDP01

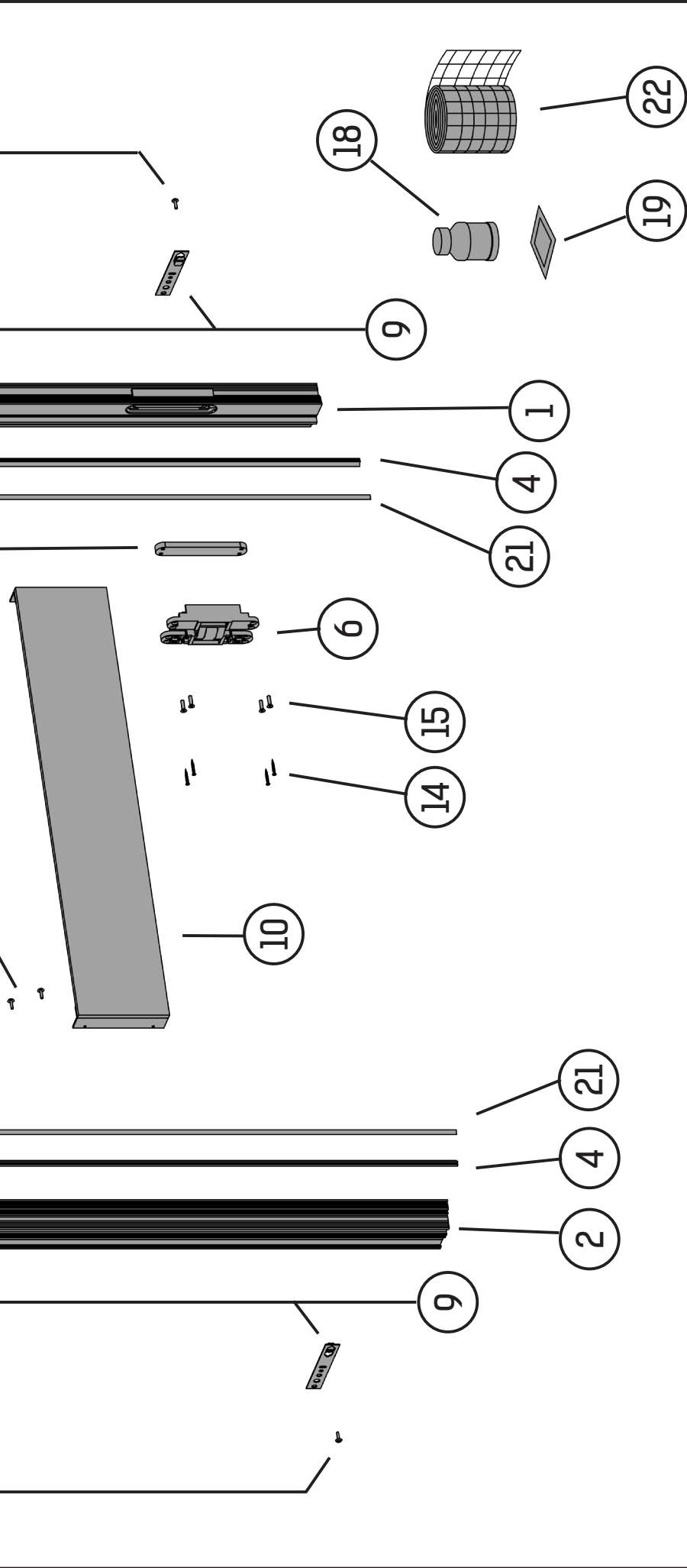
Assembly instruction

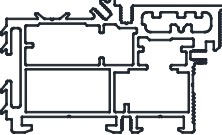
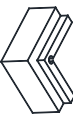
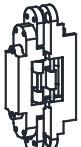
SARA DUO PLUS

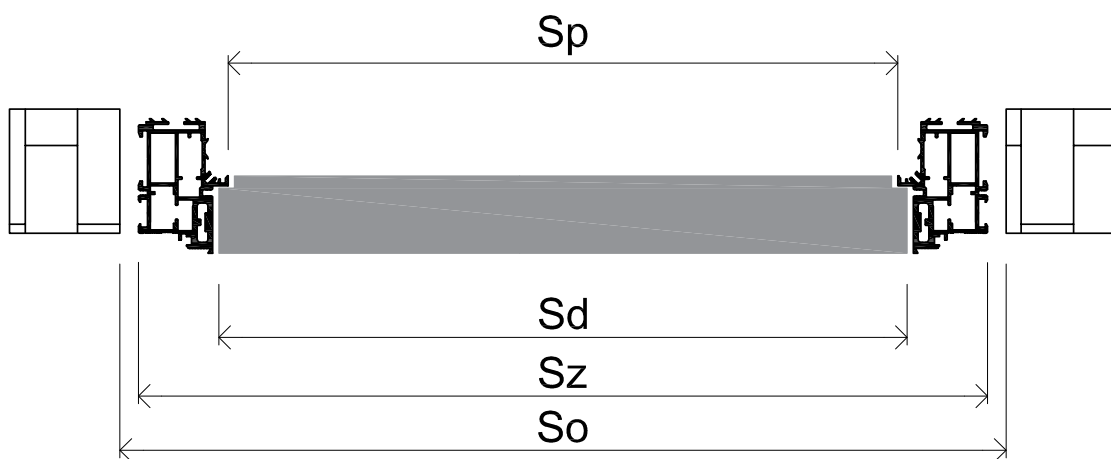
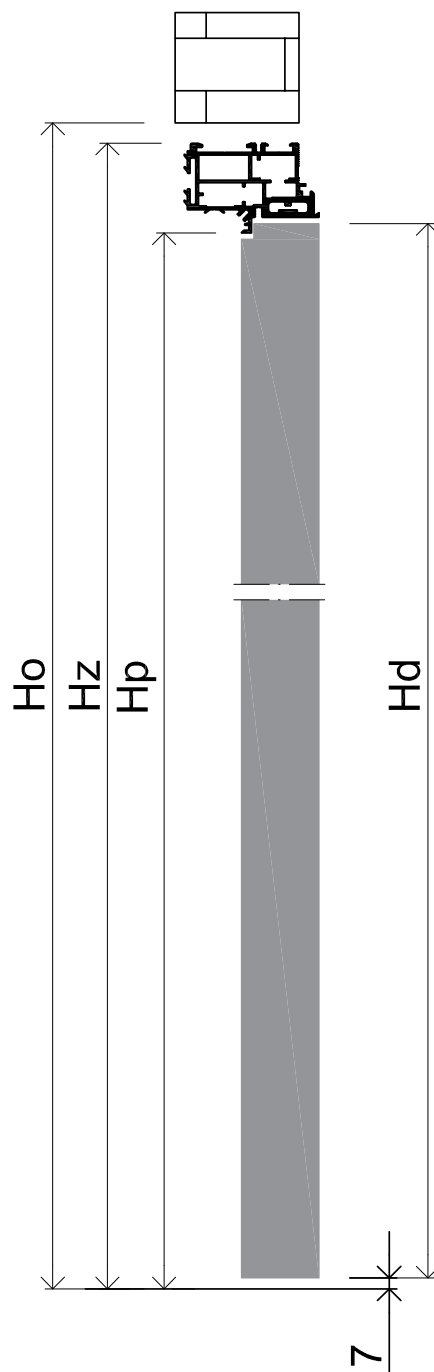
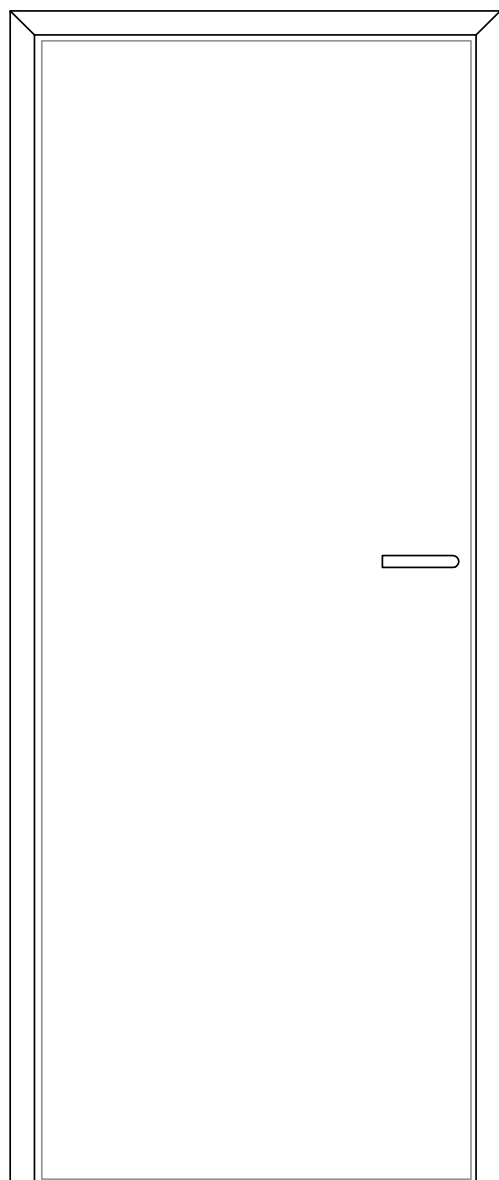
outwards





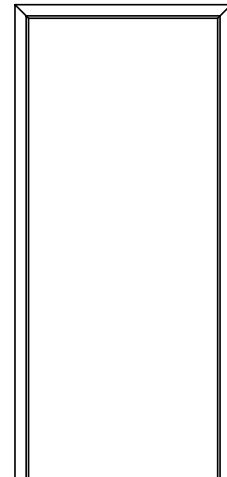


1.		x1	7.		x2	13.		3,5x22 x2	19.		x1
2.		x1	8.		x2	14.		5x35 min. x8	20.		x1
3.		x1	9.		min. x6	15.		M5x16 min. x8	21.		min. x3
4.		x1	10.		x2	16.		x1	22.		x1
5.		x1	11.		4,5x13 x8	17.		x1	23.		x4
6.		min. x2	12.		4,2x18 min. x6	18.		x1			

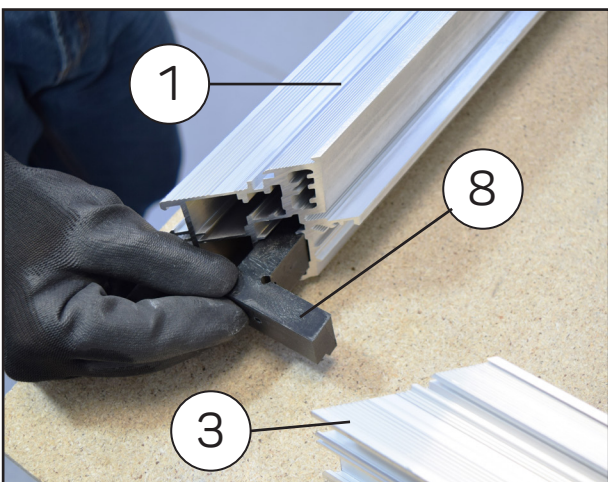
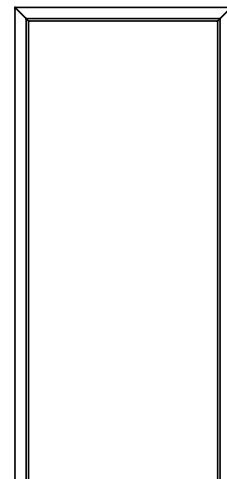




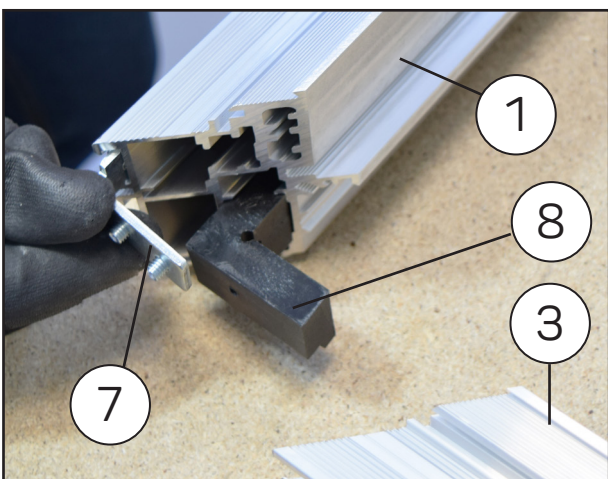
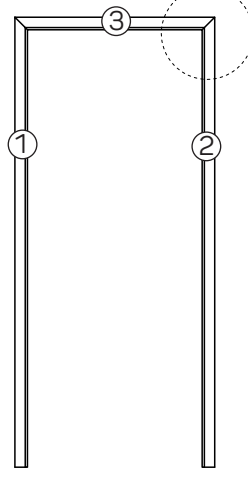
A. Unpack the components of Sara Duo Plus door frame



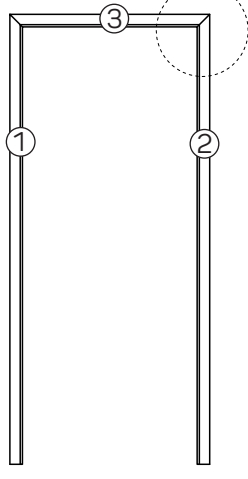
B. Spread the door frame profiles

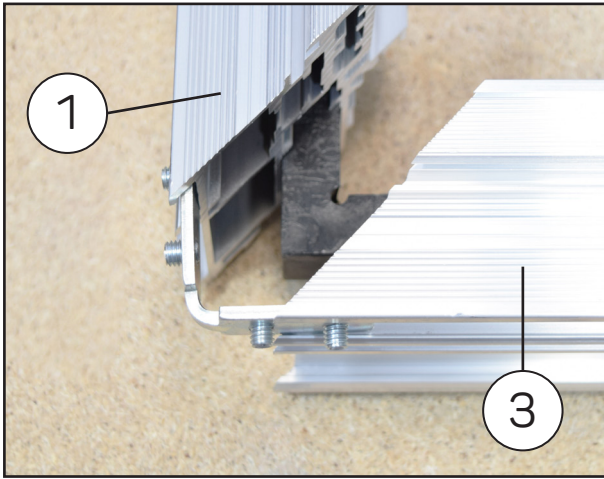


C. Put the plastic corners [8] into the vertical profile of the frame [1]

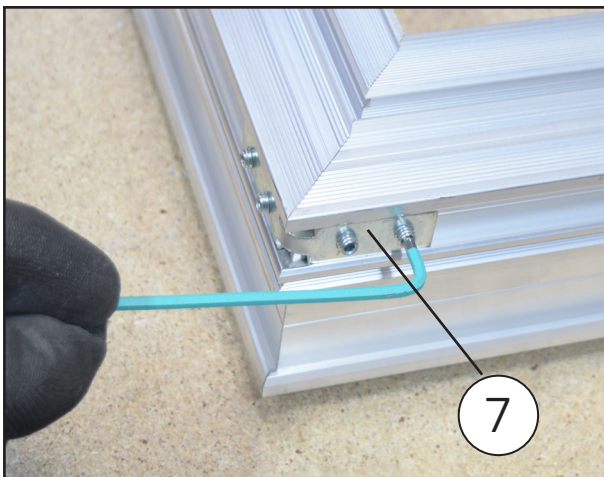
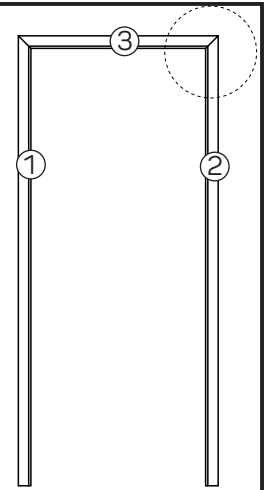


D. Insert expansion corners [7] into back socket of the vertical profile [1]

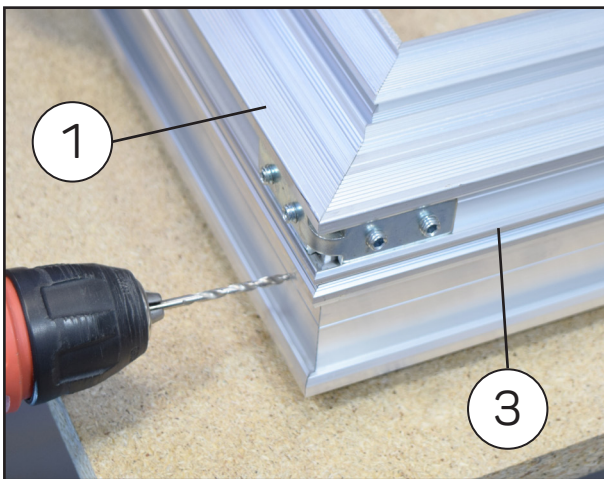
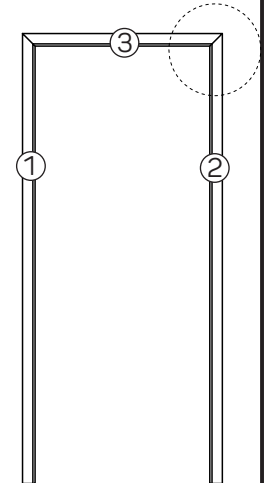




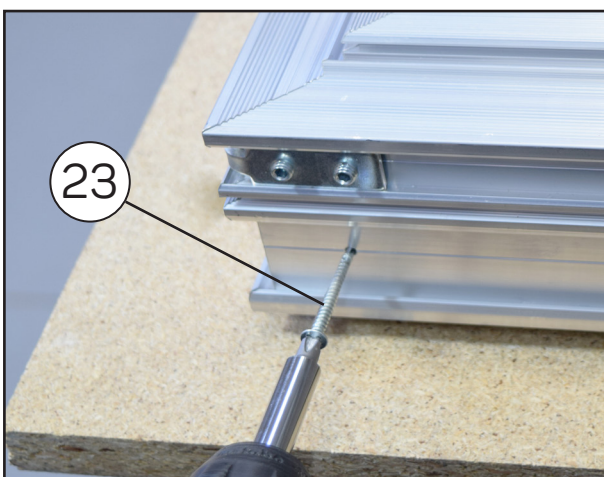
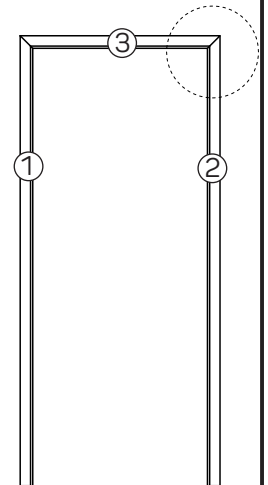
E. Assemble the vertical profile [1] with the horizontal profile [3] using the corners inserted earlier



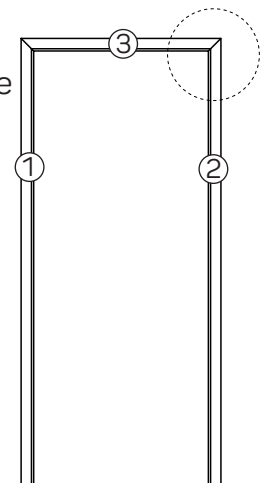
F. Tighten grub screws in the expansion corners [7] to lock then, paying attention to joining the profiles evenly

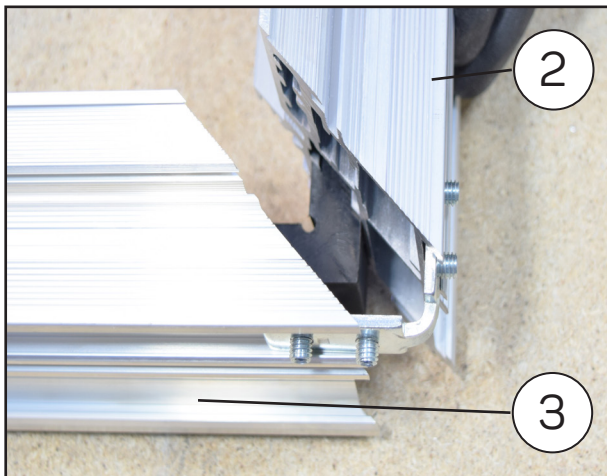


G. Assemble the vertical profile [2] with the horizontal profile [3], drill holes with the diameter 3 drill piece in place where is plastic corner [8]

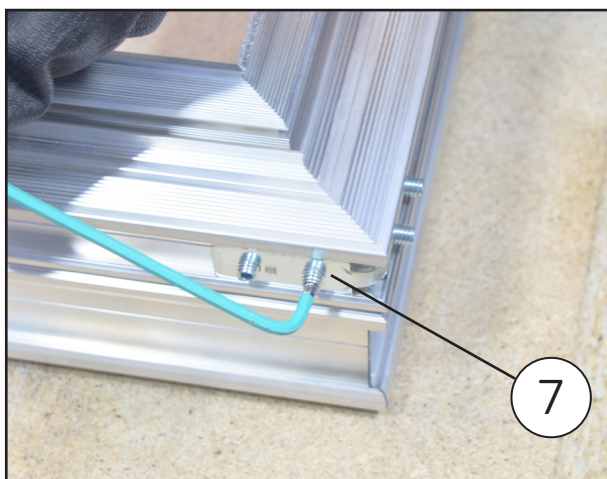
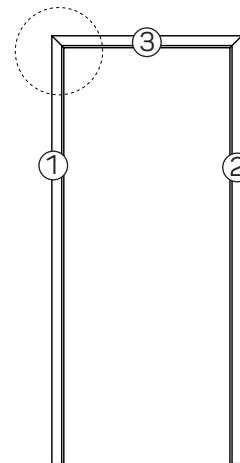


H. Then screw the screws [23] into the drilled holes to lock the corner position

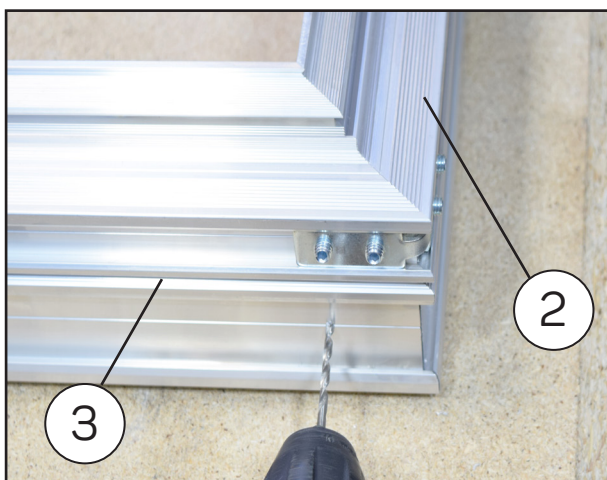
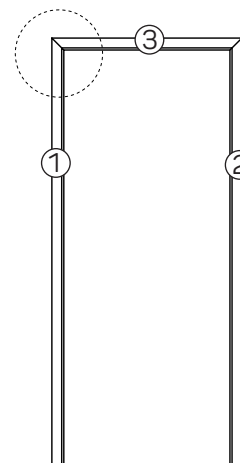




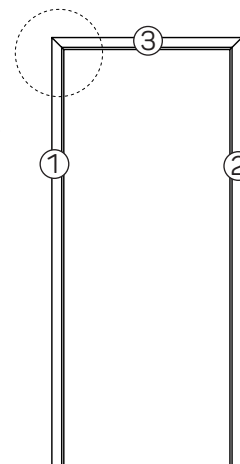
I. By proceeding in the same way as in the case of the vertical profile [1], insert the plastic corner [8] and the expansion corners [7] into the vertical profile [2], then assemble profiles



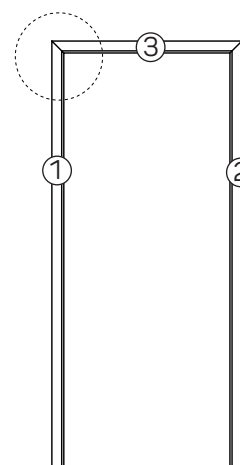
J. Tighten grub screws in the expansion corners [7] to lock then, paying attention to joining the profiles evenly

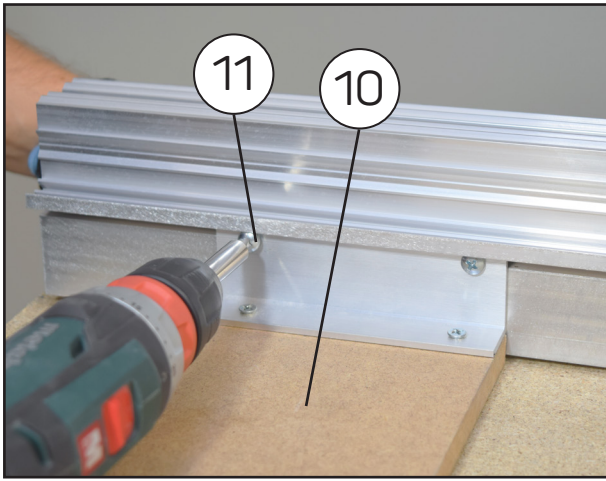


K. Proceed in the same way with the second corner, drill holes with the diameter 3 drill piece in place where is plastic corner [8] in profiles [2] and [3]

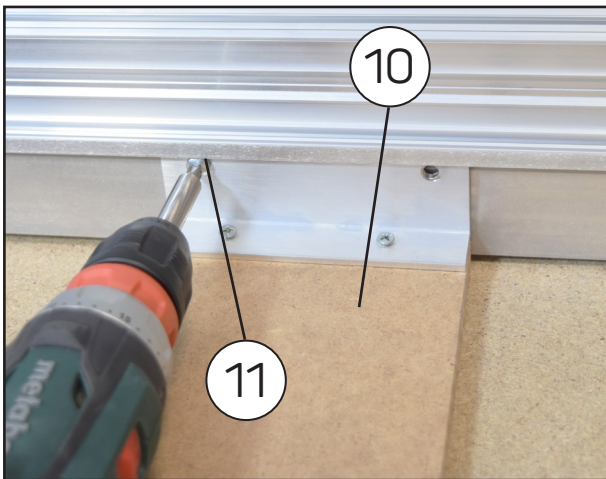
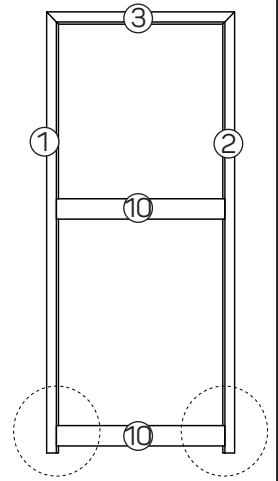


L. Then screw the screws [23] into the drilled holes to lock the corner position

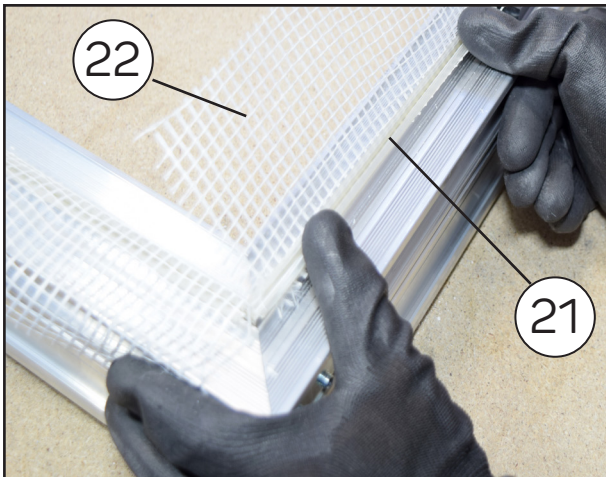
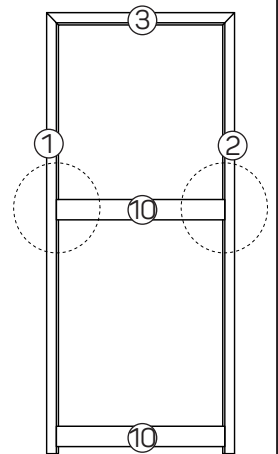




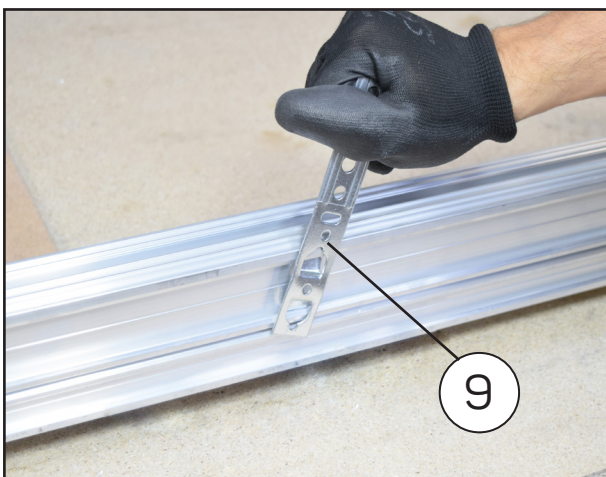
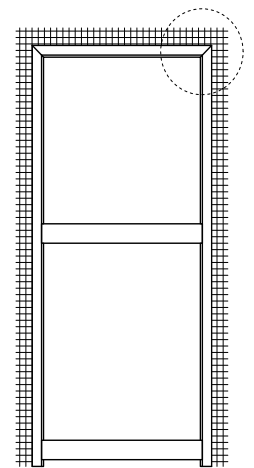
M. Add the expansion strip [10] to the door frame and screw it to the seal seat using screws [11]



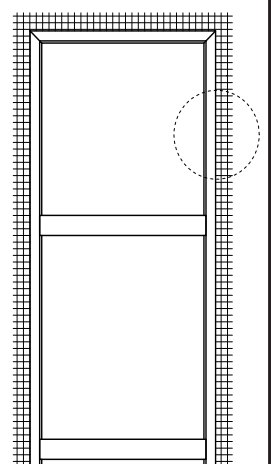
N. Proceed in the same way with the second expansion strip [10], which should be screwed it to the seal seat using screws [11]

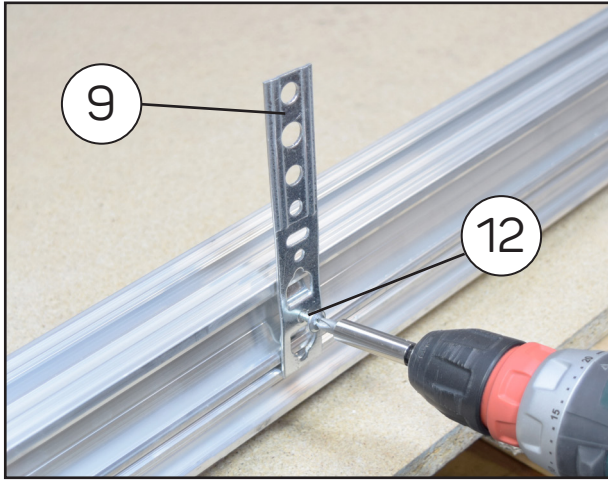


O. Into side slots from the side of facing frame put glass fibre mesh [22] and push it with pvc profile [21]

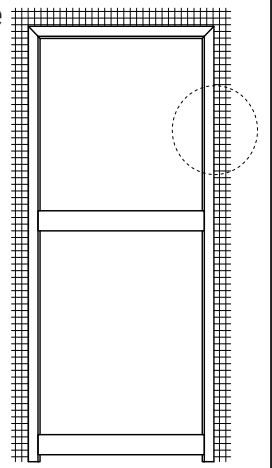


P. Insert anchors [9] at an angle into the seat of vertical profiles [1] and [2] and screw them in such a way that they are locked

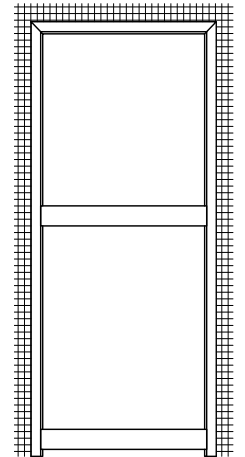




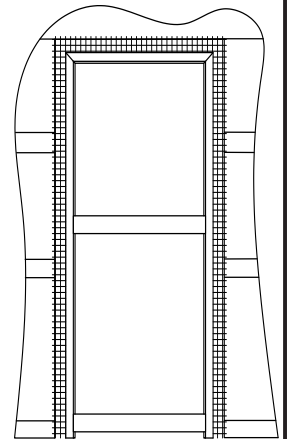
R. Then tighten anchors [9] to the profile using screws [12]



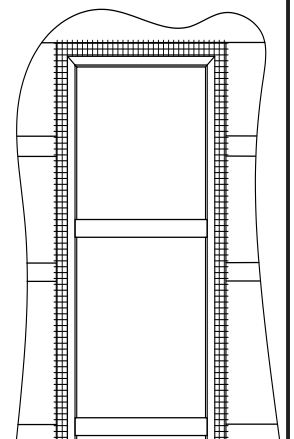
S. Correctly assembled door frame



T. Insert the assembled door frame into the construction opening

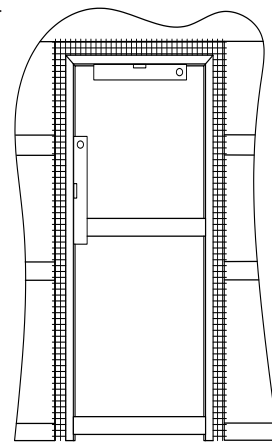


U. Then wedge the door frame in the opening

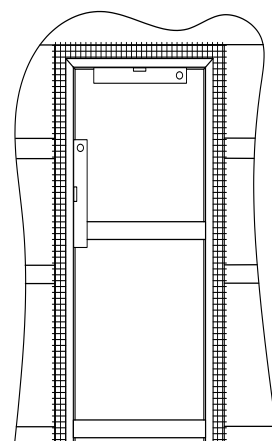




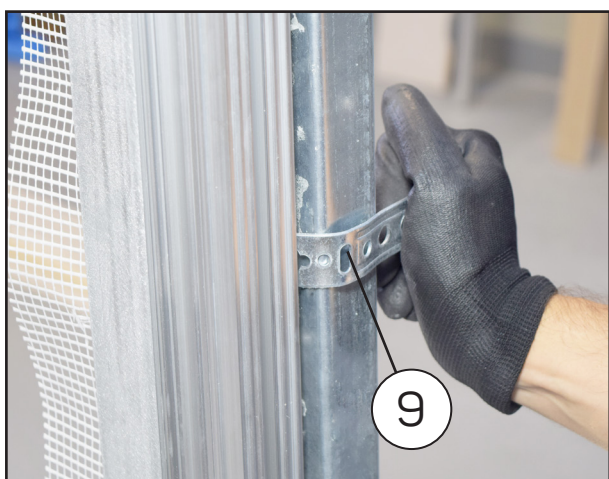
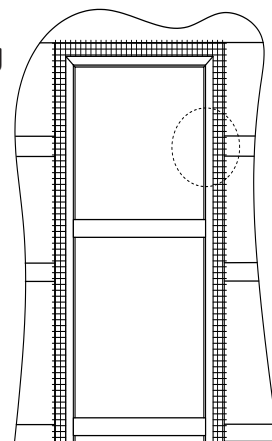
W. After wedging, check the door frame's vertical and horizontal placement and adjust the placement if necessary



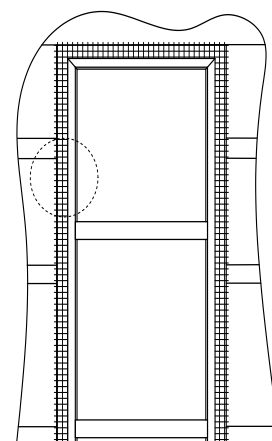
X. Pay attention to the depth of the frame. The outer edge of the frame should be levelled with the surface of the finished wall



Y. Fill the gap between the door frame and the building opening with a low-pressure mounting foam

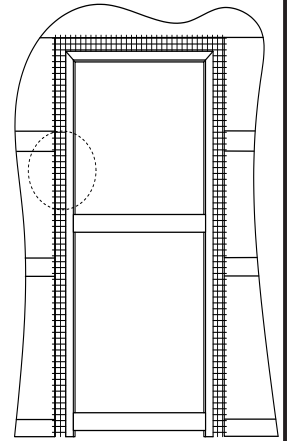


Z. Once the mounting foam has dried, bend the anchors[9]

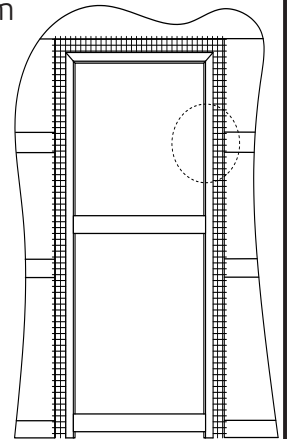




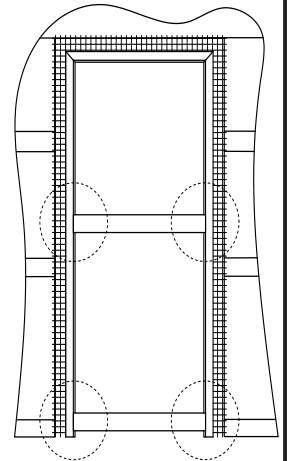
2A. After mounting foam has dried, tighten the anchors to the construction opening structure using screws [12], making sure that the position of frame profiles does not change



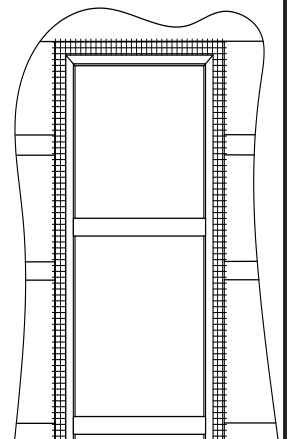
2B. Cut away the excess dry foam with a knife and pull out the wedges



2C. Dismantle expansion strips [10]



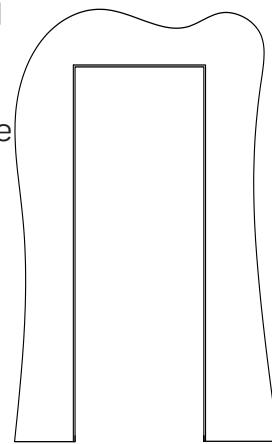
2D. A correctly installed door frame in the building opening



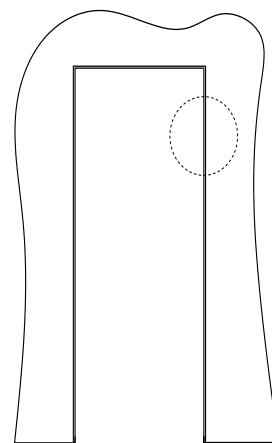


2E. Door frame with plasterboard built over it

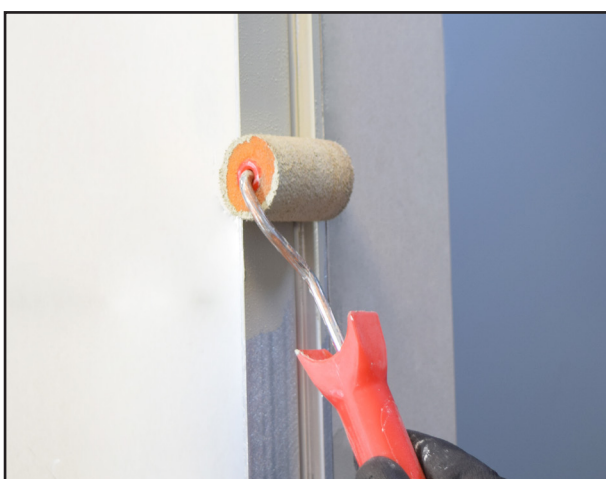
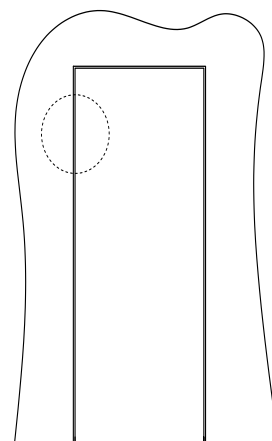
(plasterboard from hinges side should have a cut holes for covering hinges element)



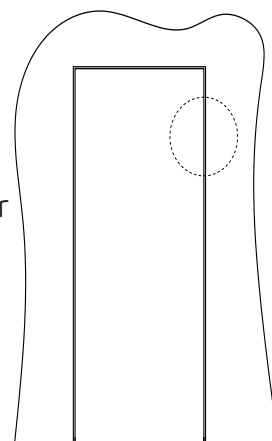
2F. Insert the plastic caps [17] into the hinge seats. Fill in jointing of plasterboard and door frame with plaster and reinforce it with a glass fibre mesh to join the panels

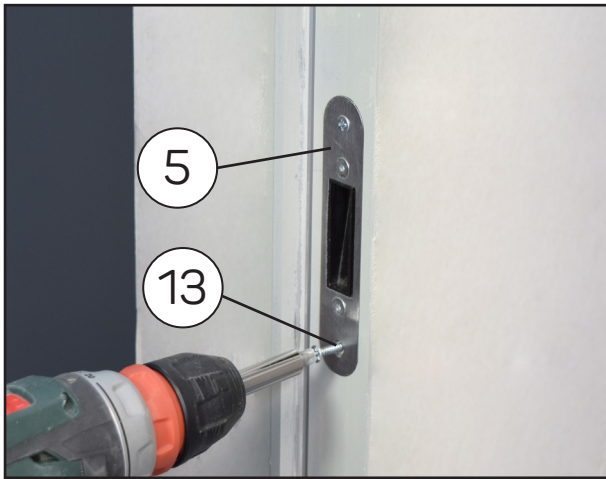


2G. Using a tissue [18] degrease profile surfaces

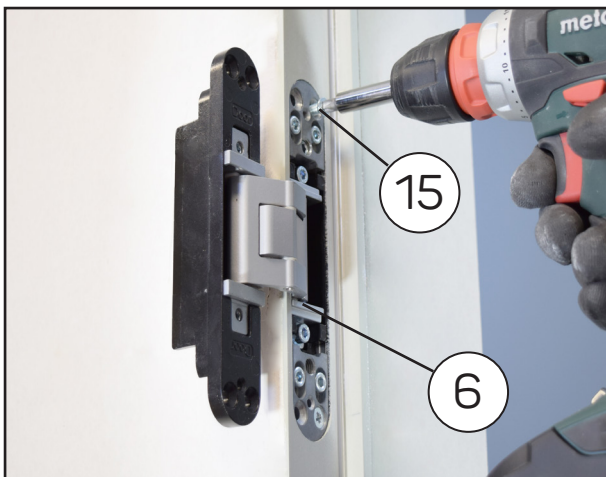
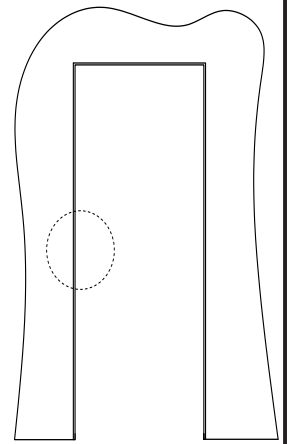


2H. Paint the surface of the profiles using aluminium primer [17], and after it has dried completely, paint the door frame with a wall paint. When painting, use covers for hinge stiles [16] and the hinges [15]

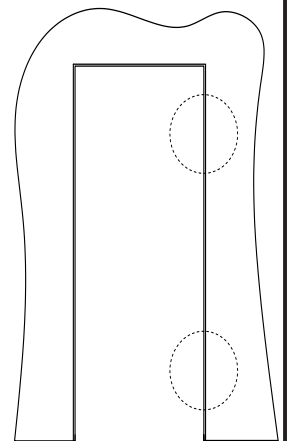




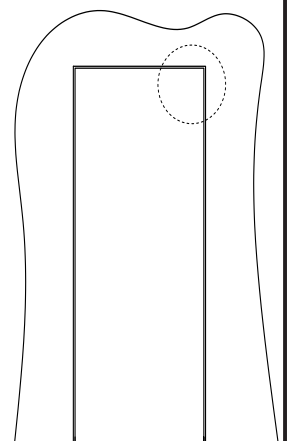
2I. With screws [13], screw the locking plate [5] into the door frame profile



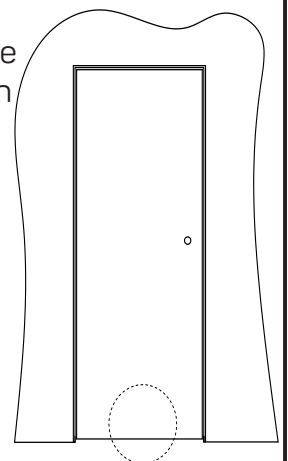
2J. Using the screws [15], tighten the hinges [6] to the frame profile

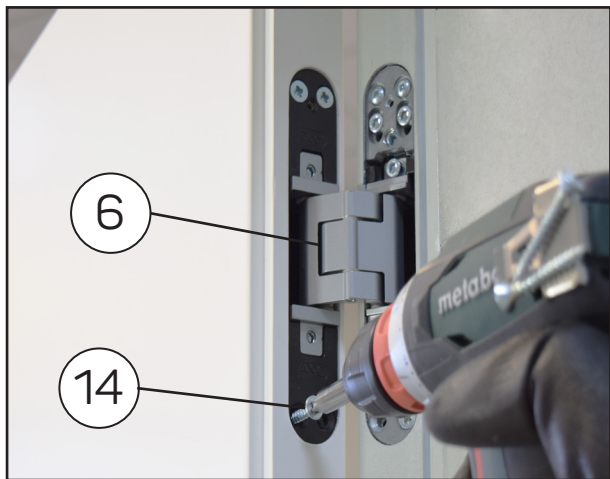


2K. Insert the seal [4] into the socket, properly cutting it in the corners of the frame as well as at the length of the profiles

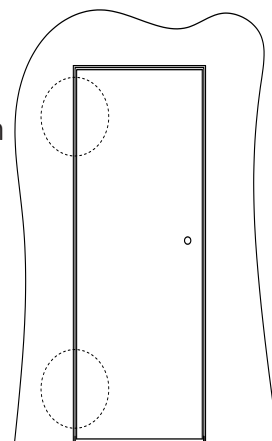


2L. Put the door into the door frame by lifting it with a wedge inserted under the door, which will make it easier to attach it to the hinges

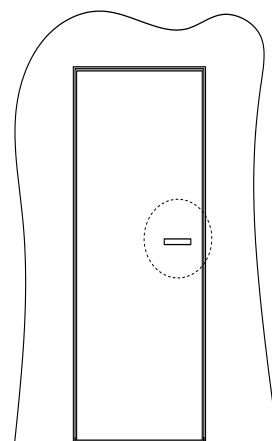




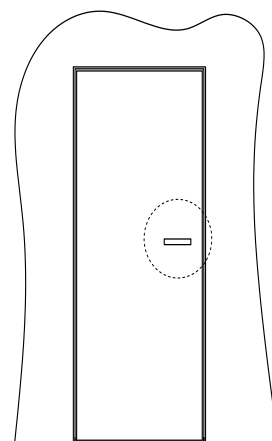
2M. Screw the hinges [6] to the door using previously drilled holes for screws [14] to prevent the door leaf from splitting



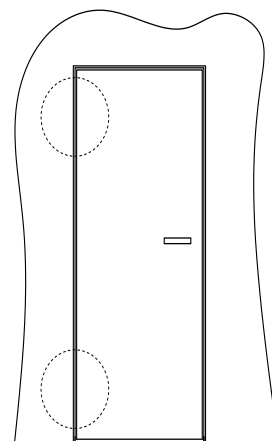
2N. Put the spindle and the handle base of the door handle



2O. Mount the handle

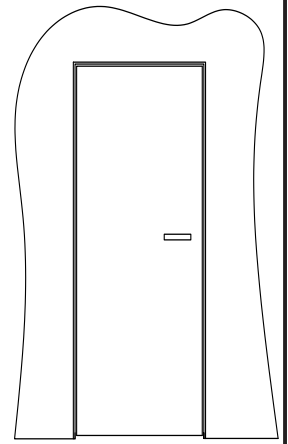


2P. Adjust the hinges [6] with the Allen key [20] according to the instructions provided, aligning them to achieve even gaps between the door and the door frame, allowing the door surface to adhere the front face of the profile. Then put the hinge caps on the hinges [6]

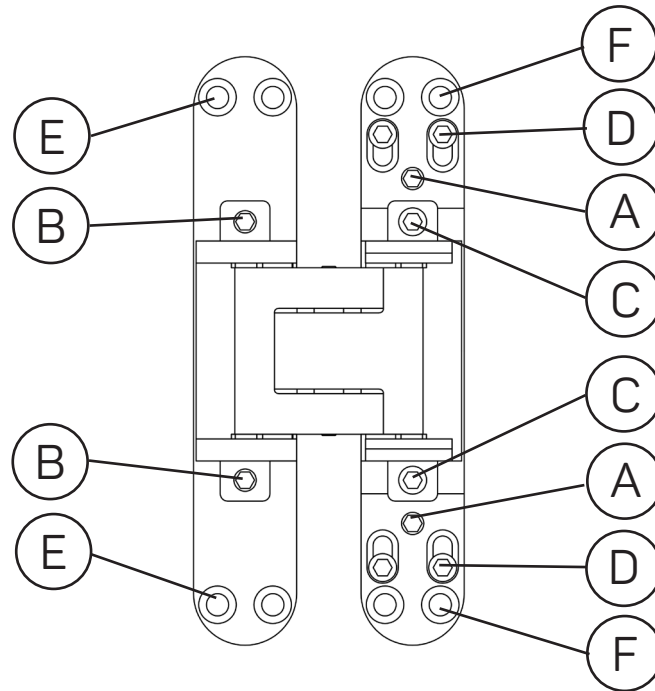




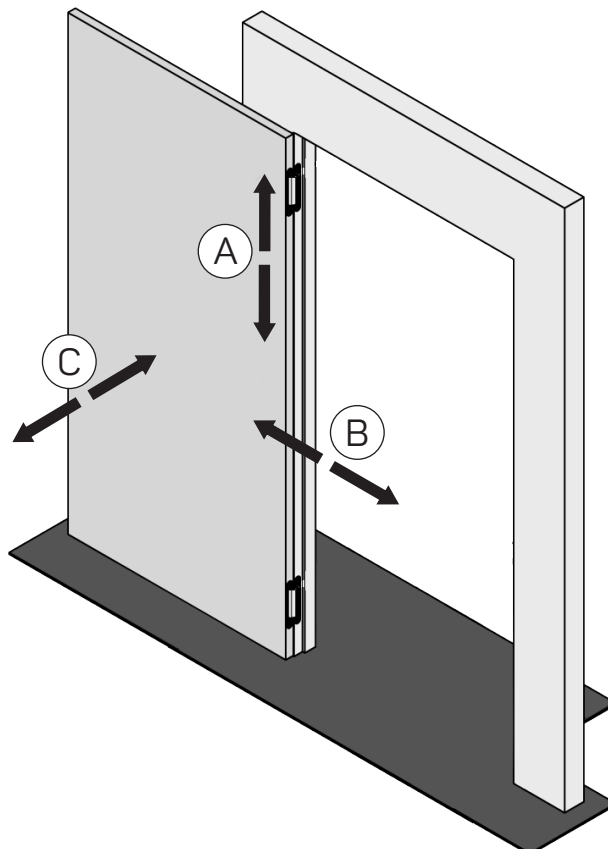
2R. The final effect of the properly assembled Sara Duo Plus outware

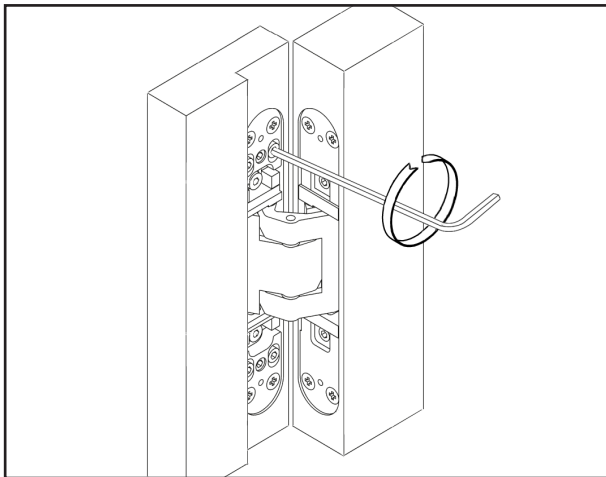


A manual for adjusting the standard hinges

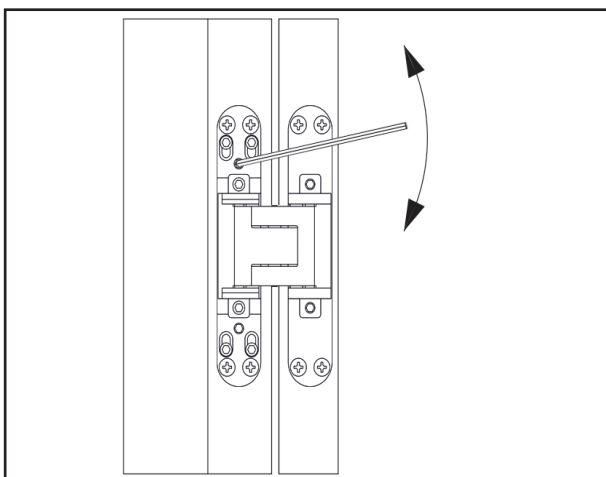


- A - Screw for adjusting the door leaf up and down (upper gap alignment)
- B - Screw for adjusting the door leaf to the right and left (side gaps alignment)
- C - Screw to unlock / lock the ability to move the door leaf forward and back (adhering the door leaf with the surface of the wall)
- D - Screw for unlocking / locking the position set with screw A
- E - Round hole for attaching the hinge to the door leaf
- F - Round hole for attaching the hinge to the door frame



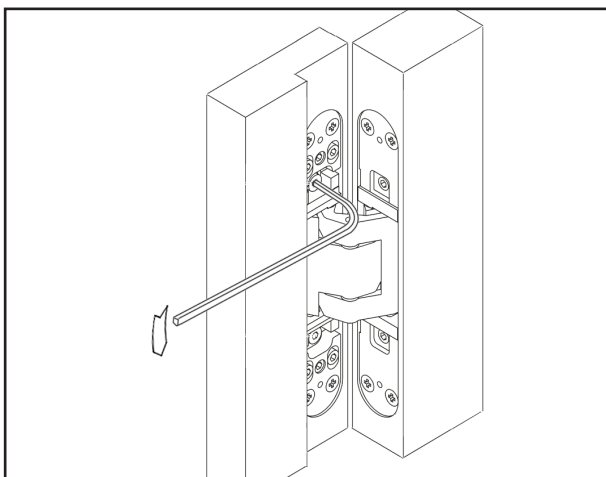


1. To adjust the door leaf to the height (to reduce or enlarge the upper gap), loosen the screws [D] that hold the hinge position in the door frame.

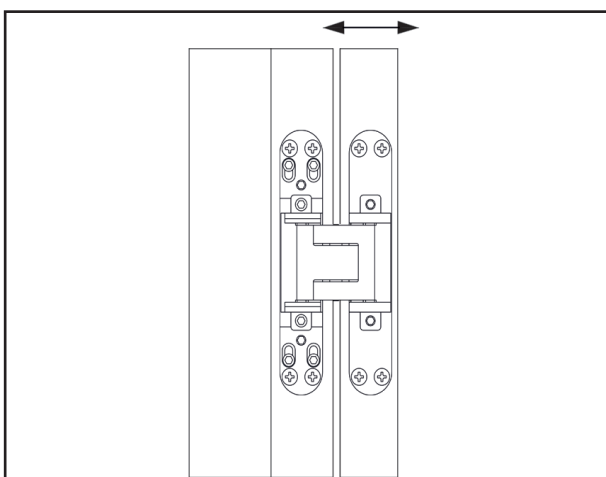


2. Use an Allen key to raise or lower the door leaf, tightening or loosening the lower screw [A] (turn the upper screw in the opposite direction). After obtaining the appropriate upper gap, tighten all screws [D] and then loosen the screws [A].

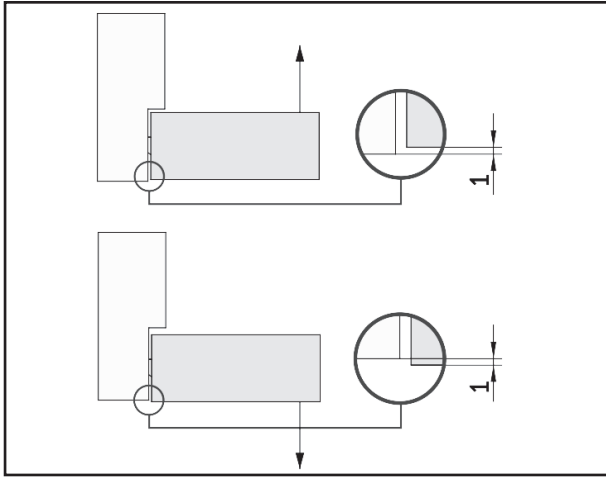
The hinge adjustment range is **6mm** from its lowest position.



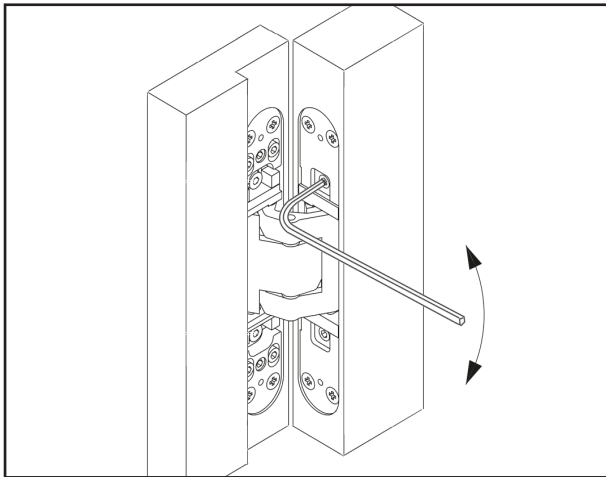
3. To adjust the door leaf so its surface is levelled with the surface of the wall, first loosen the screws [C] that hold the hinge position in the door frame.



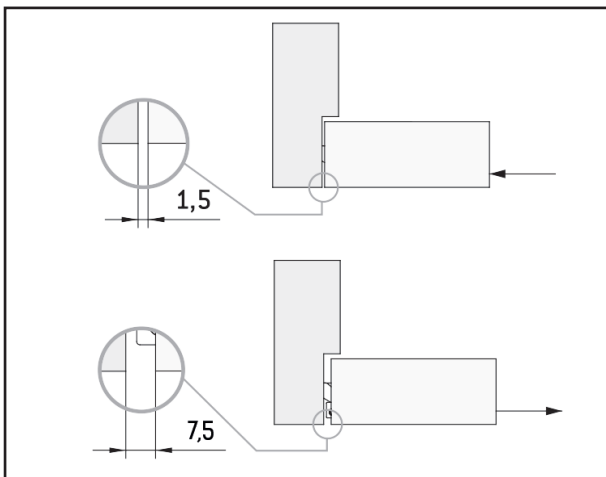
4. Then manually move the door leaf to or from the frame, so that after closing its surface is levelled against the surface of the wall. After adjusting the hinges in this plane, tighten the screws [C] in their place.



The hinge adjustment range in this plane is **+/- 1 mm**



5. To adjust the gaps between the door leaf and the frame on the sides tighten or loosen the screws [B] in the hinge so the leaf moves to the right or left.



The hinge adjustment range in this plane is **+/- 3 mm**.

Adjust all hinges evenly so that none of them are overloaded to prevent damage.

