

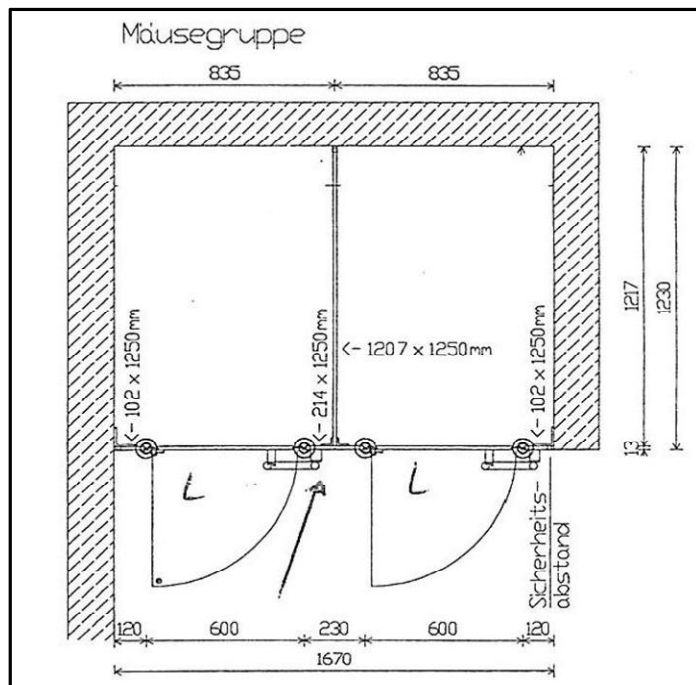
installation instruction

cubicle system VK13 KIGA

tools required:

- Drilling machine with various masonry and HSS drill bits
- Electric screwdriver, cordless screwdriver
- Cordless riveter
- Spirit level, laser
- Standard tools
- 150 mm high wooden blocks or jacks
- Wooden wedges

Assigning the panels to the drawings:

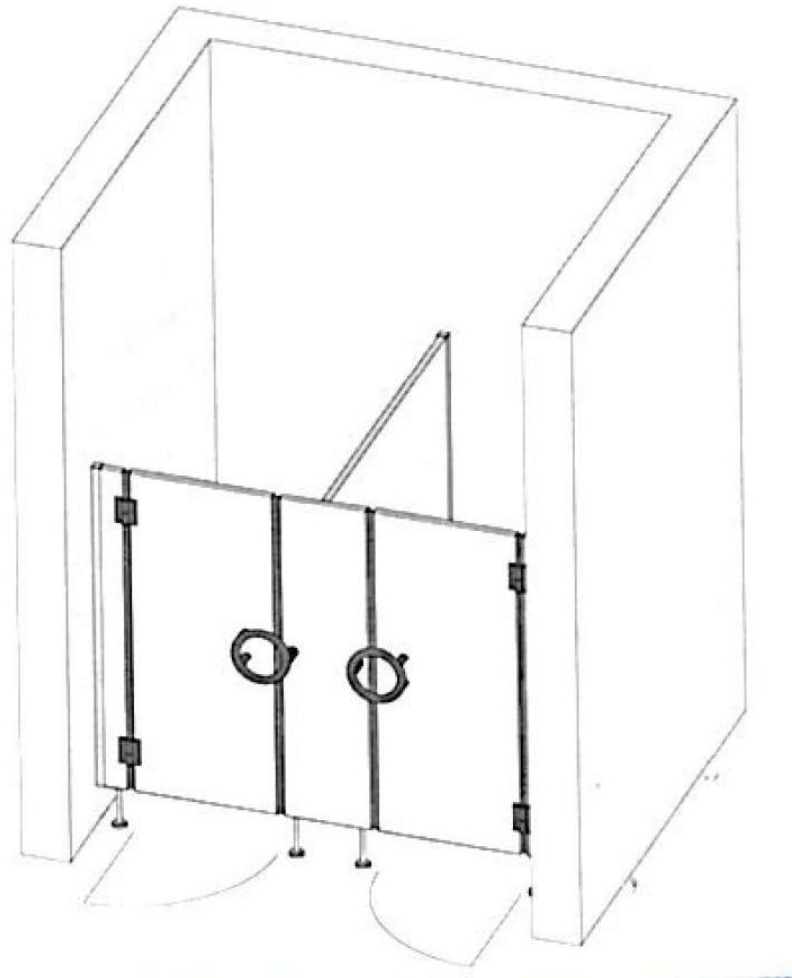


On the right side is the drawing of the cubicle system. The sticker shows the order number (1311473202).

The name of the cubicle part (middle pilaster), construction site and room designation (Cologne Kita, Mouse Group) as well as the plate size (1250 x 214). In the drawing, you will find this middle pilaster between the two doors.

View 2-cubicle:

This is the version described in these assembly instructions.



1. Marking the wall connections

- The delivered production drawing shows you the axial dimensions and the dimensional chain of the front side.
- Transfer the indicated dimension between axes (1217 mm + 7 mm) and the dimensional chain to the floor.
- Mark the axis of the middle panel and place the wall connection profiles perpendicularly on the axes of the front and the diving wall.

- Afterwards draw a vertical line on each.

- Place a U-profile on one of the wooden blocks so that the line is visible in the pre-cutted holes.

- Mark the drill holes and the top edge of the U-profiles.

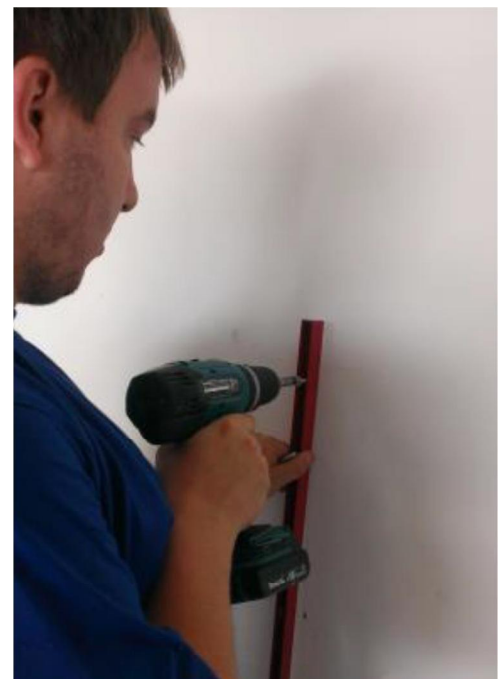
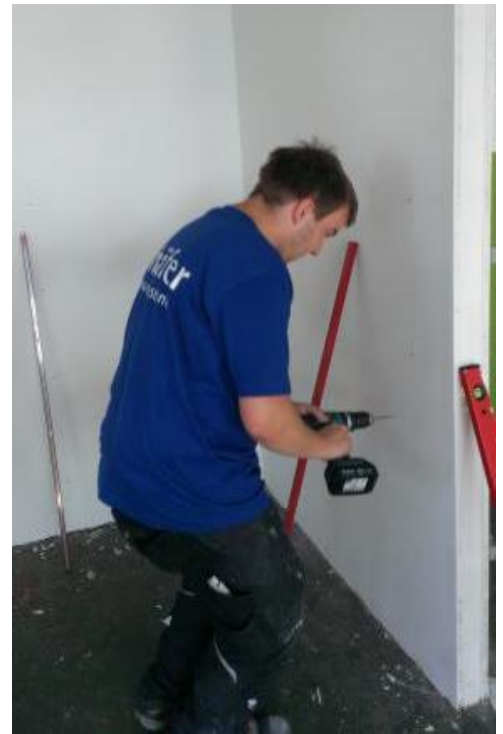
- Transfer this height to all other wall connections with the laser.

- Next, mark the drill holes here too.



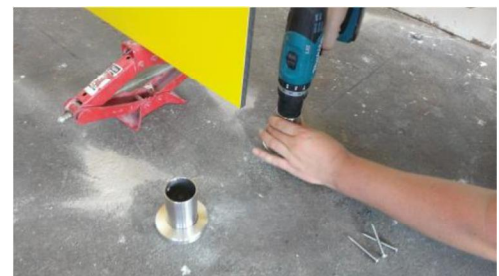
2. Drilling the holes and screwing on the profiles

- Drill the marked holes with an 8 mm drill bit.
- Pay attention to existing cables and pipes while doing this.
- Fix the profiles on the wall with 8 x 51 mm dowels, as well as 5.5 x 70 mm countersunk screws with washers.



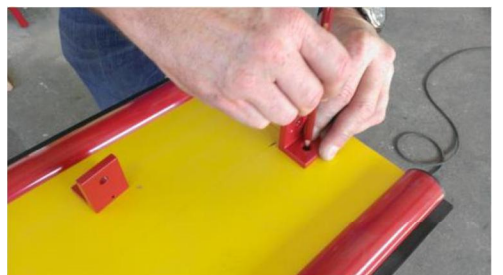
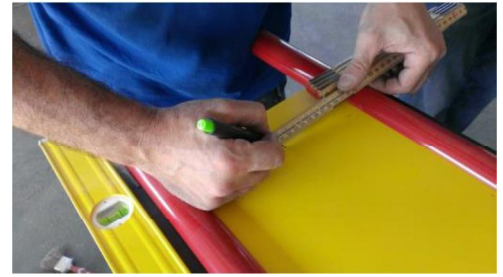
3. Fitting the Kiga angle to the middle pilaster

- Drill the holes marked on the dimensional chain in the ground with an 8 mm masonry bit.
- Pay attention to the drilling depth specified in the measurement cover sheet.
- Insert the dowels 8 mm x 40 mm flush into the holes.
- Apply some adhesive (to stick and seal) around the holes.
- Screw the feet into the floor through the centre hole, on the axis of the marking.
- The adhesive does not set for about 3 hours, so later when aligning the system, you still have the option to easily change the position of your feet using a rubber mallet.



4. Fitting of the Kiga partition angle and middle pilaster

- Transfer the axis of the partition to the middle pilaster and draw a line with help of a spirit level.
- Mark the axis of the Kiga angle at a distance of 50 mm from the upper and lower edge of the middle pilaster.
- From the axis of the diving wall measure 6.5 mm each to every side.
- On both sides set the angles on this mark, and mark the planned holes on the 50 mm axis.
- Now drill 11.5 mm deep through both markings using a 4.2 mm drill with depth-stop.
- Then fix the two angles with the enclosed screws 4.8 mm x 16 mm (spire shaped) at the top and bottom of the middle pilaster.



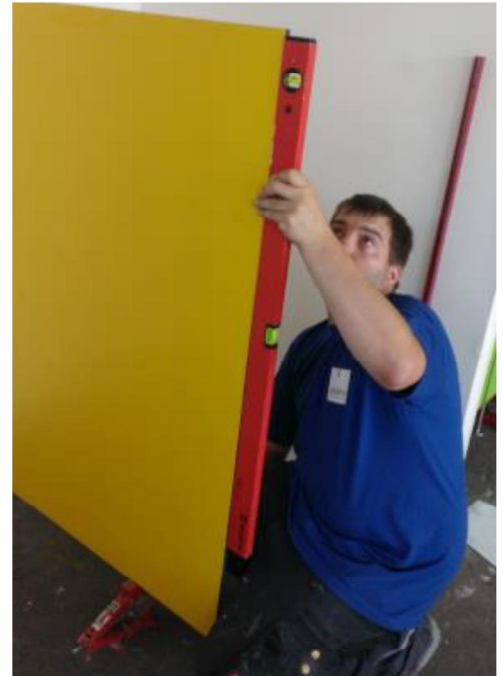
- Place one of the two end pilasters as spacers against the screwed on angles, and mark the opposite angles on the 50 mm axis.
- Then fix the angles, according to the same scheme described above.



5. Installing the middle panel

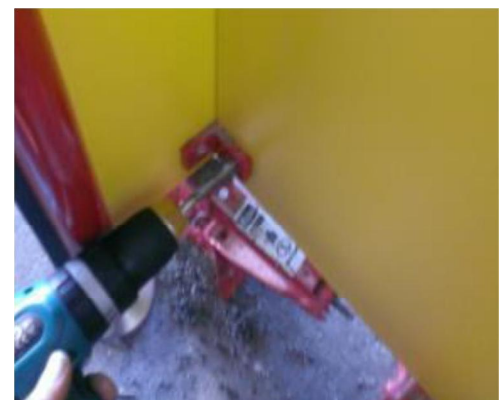
- Place the silicone in the rear U-profile and insert the middle panel into the profile.
- Maintain the panel at the front and at the back with a jack and adjust the panel using a spirit level.
- Make sure that the diving wall in the U-profile is firmly pressed against the closed top.





6. Fixing the middle pilaster to the dividing wall

- Place the middle pilaster with the kiga angle towards the front edge of the dividing wall.
- The upper edge of the two parts must be absolutely flush.
- Drill 8 mm from both sides through the dividing wall angles and screw it together using the delivered angles threaded sleeve and M6 x 25 screw.





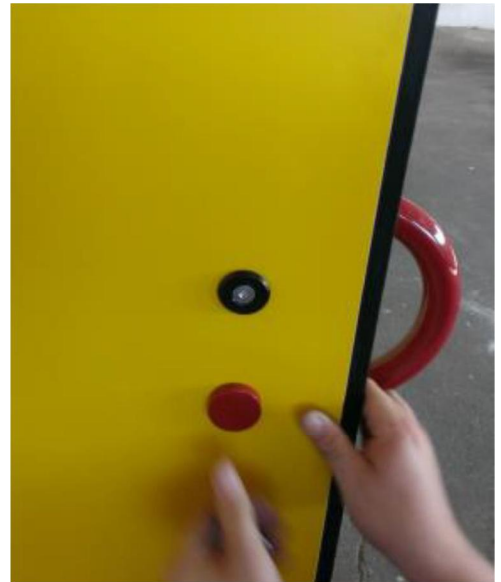
7. Inserting the end pilasters

- Apply silicone to the wall connection profiles.
- Place the end pilaster with the profiles in the support feet, and push the pilaster into the wall connection.
- Maintain both end pilasters with a jack.
- Turn the jack upwards until the pilasters are stuck in the closed head of the U-profiles.



8. Fitting the doors

- Mount the ring handles on the doors.
- Hang in the doors with the pre-assembled hinges and ensure that the hinges are solid.
- If they don't, you must slightly unscrew the 3 mm Allen screw on the upper spring hinge.



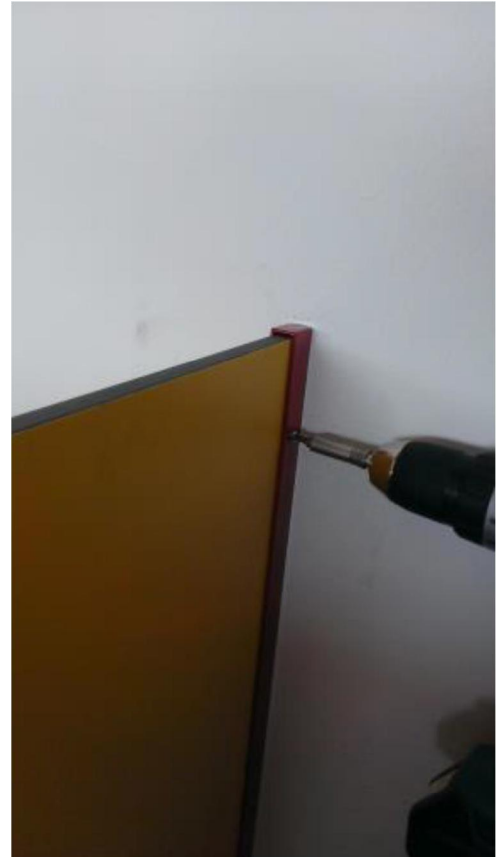
9. Aligning the system

- Check that the door gaps are parallel and constantly 22 mm.
- In addition, the top edges of the doors must be flush with the top edge of the middle pilaster and the door stop must be tight.
- To change these settings, you can raise or lower the partition wall and change the feet both in height and as mentioned at side start by striking with the rubber mallet.
- Once the system is fully aligned, the vertical profiles are riveted to the feet with 4.8mm x 16mm rivets.
- For this purpose, you have to drill into the profile with a 5.0 mm drill.
- For systems with ES feet, you can now additionally fix the support legs with 6 mm dowels and 4.8 mm x 38 mm screws.



10. Screwing the system together

- Now fix the end pilasters and the dividing wall in the U-profiles.
- Use 3.9 mm x 13 mm cap screws.
- Drill through one side of the U-profile and through the panel with a 3.5 mm drill bit up to the U-profile side (attention, do not perforate it!).
- At the two end pilasters, you can leave out the topmost screws (only screw the middle and bottom)



11. Fixing the support brackets

- Now mount the large Kiga brackets onto the two end pilasters.
- To do so, measure 50 mm again from the upper edge of the end pilaster downwards and set the bracket with the hole on this axis.
- Mark the drill holes on the solid wall and the pilaster.
- Drill into the wall with an 8 mm masonry drill bit and then 11.5 mm deep into the end pilaster with a 4.2 mm drill.
- Screw the bracket to the wall with two 8 mm x 5.1 mm dowels and 5.5 mm x 70 mm countersunk screws.
- The angle bracket is fixed to the end pilaster with a 4.8 mm x 16 mm screw.



12. Fitting the buffers and tensioning the spring hinges

- Mark the height of the buffers (centre ring handle).
- Using a 4.5 mm drill with deeth-stop, drill 11.5 mm deep and secure the buffer with a 5.5 mm x 9.5 mm panhat screw.
- Press the spring with the buffer into the base.
- Finally, tension the spring hinges.
- For this, you need a size 3 and a size 6 Allen key.

