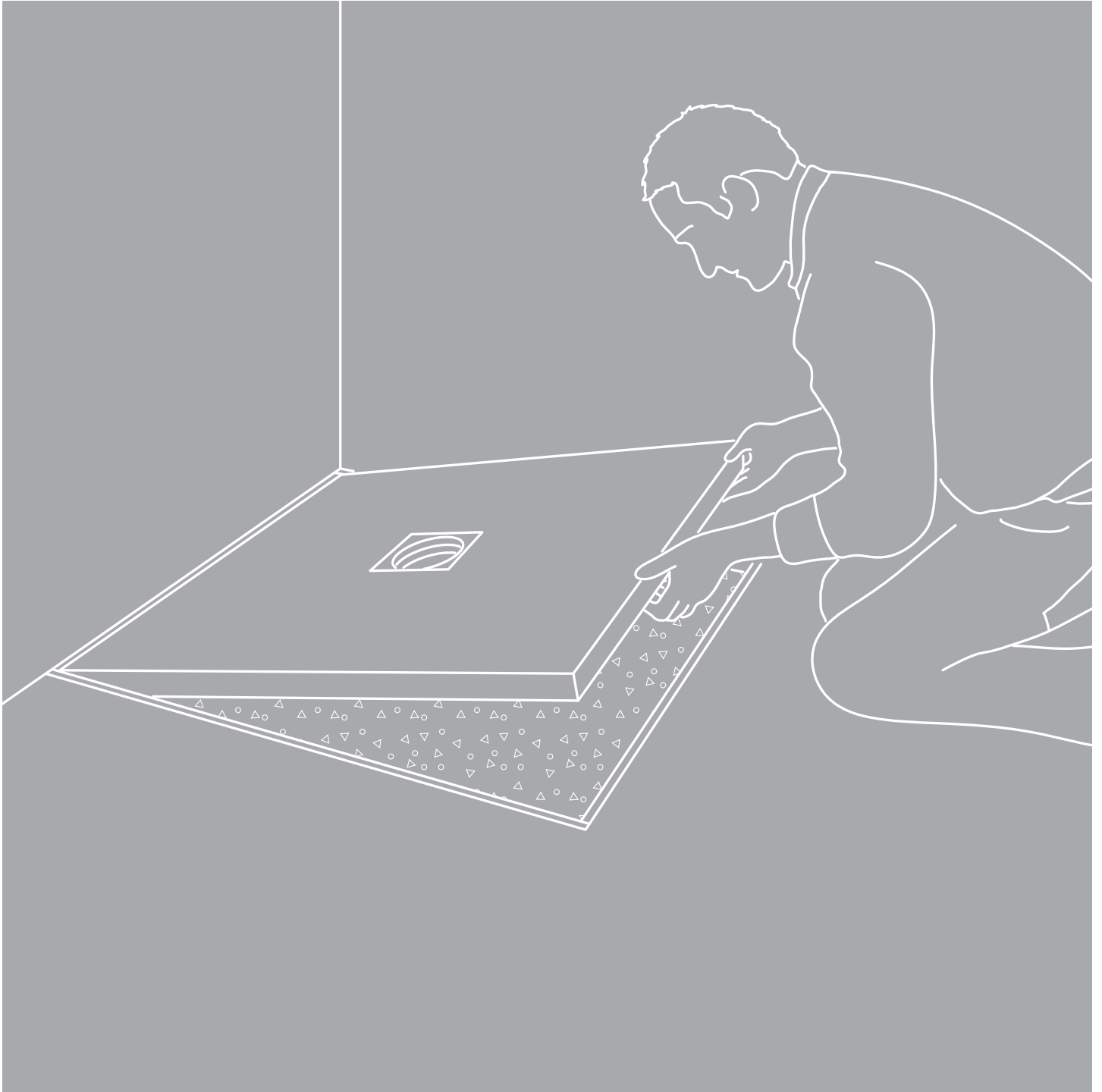


JACKOBOARD® Aqua/Aqua Flat

Shower Bases.



Installation Instructions



JACKOBOARD® Aqua – System components



① JACKOBOARD® Aqua

shower base

② a. Horizontal drain (Art. no.: 4512007)

② b. Vertical drain (Art. no.: 4512008)

③ Clamping collar

④ Clamping collar tool

⑤ Grate extension insert (Optional. Omit when using thin tiles)

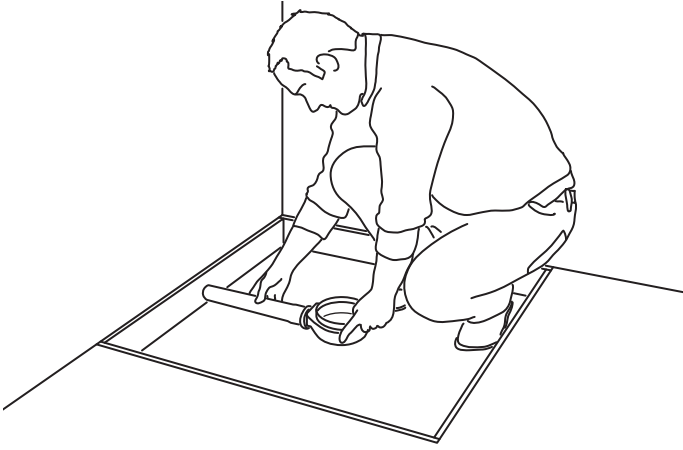
⑥ Odour trap

⑦ Backflow seal (Optional. Not usually needed. If there is a risk of build-up, can be laid in the top groove of the flange additionally.)

⑧ Grate support frame

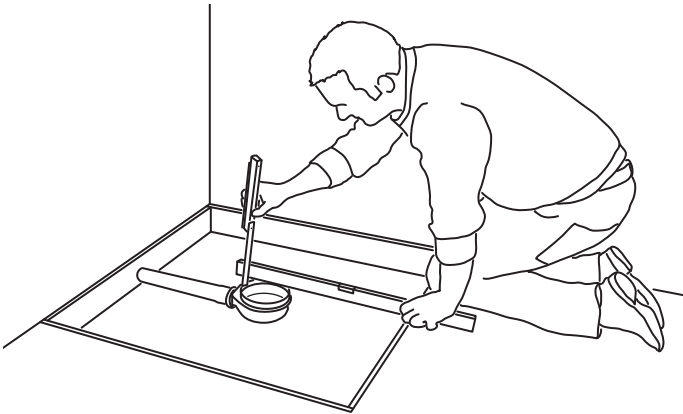
⑨ Solid stainless steel grate

⑩ Assembly grease

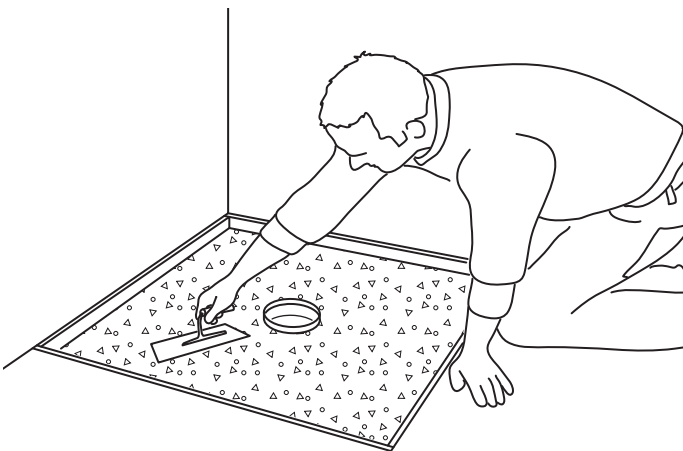


1) Push the drain outlet into the existing DN 50 pipe and centre it. The supplied drain has a DN 50 pipe connection. For connection to pipes in 2" or 1½" is a suitable adapter necessary.

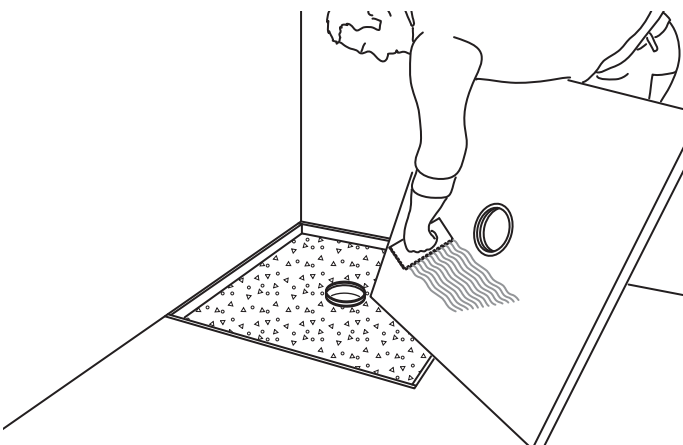
In the case of floor structures with impact sound insulation, the installation of suitable impact sound insulation and edge insulation strips must be included in the planning.



2) Position the drain at exactly the right height. The height difference between the upper edge of the drain and the level of the screed depends on the thickness of the shower base (see distance A–C in drawing and table on page 6).

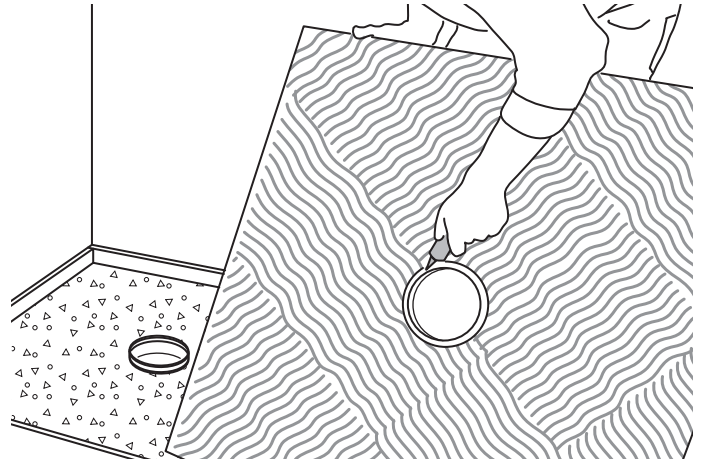


3) Fill the floor recess with a levelling screed or concrete and level off to the appropriate depth. The height difference to the level of the surrounding screed depends on the thickness of the shower base (40 or 50 mm) plus approximately 5 mm adhesive bed (see distance A–B in drawing and table on page 6). Check that the distance from the top surface of the floor drain matches the levelling screed (see distance B–C in drawing and table on page 6). JACKOBOARD® Aqua Support Base can also be used to level out the height difference if required.

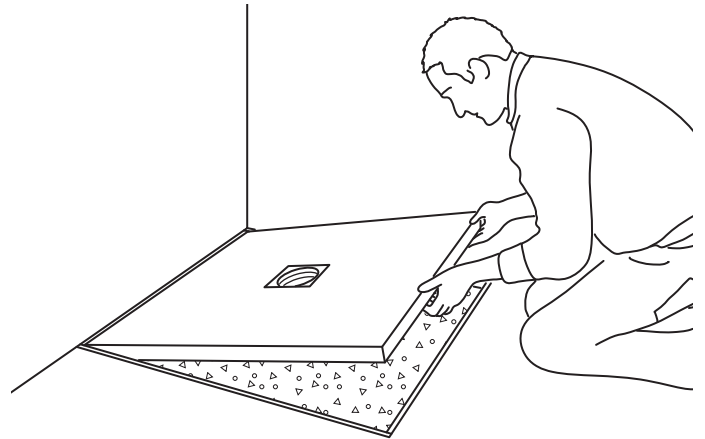


4) Once the levelling screed has cured, apply cement-based flexible tile adhesive with a notched spreader to the entire underside of the shower base.

5) Grease the flange beneath the shower board with installation grease (1 packet of installation grease is included in the box containing the drain). Make sure the factory-supplied sealing ring is positioned in the drain.

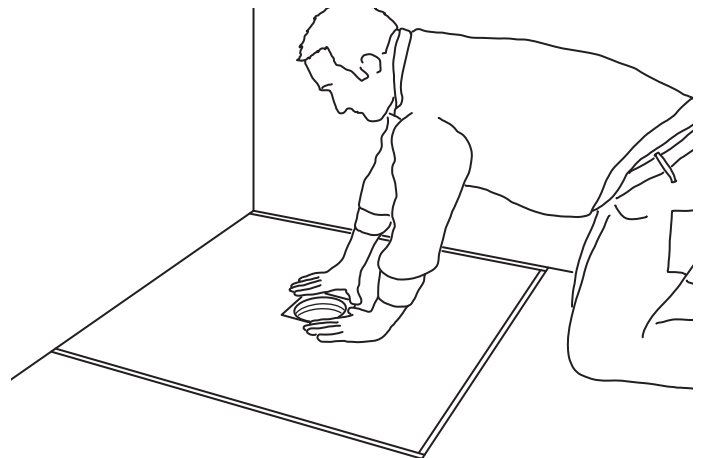


6) Carefully position JACKOBOARD® Aqua in the screed recess so that the flange piece is on the drain.

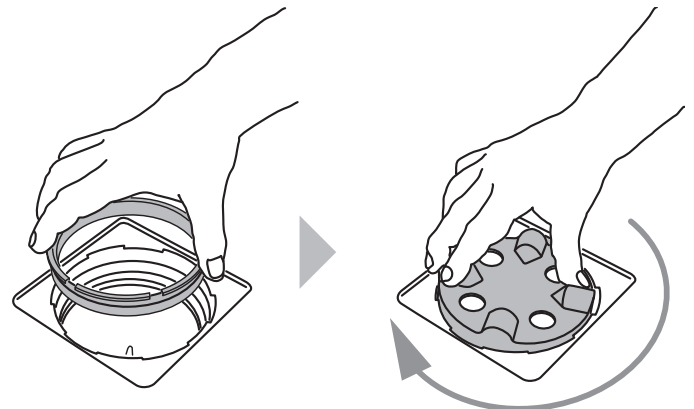


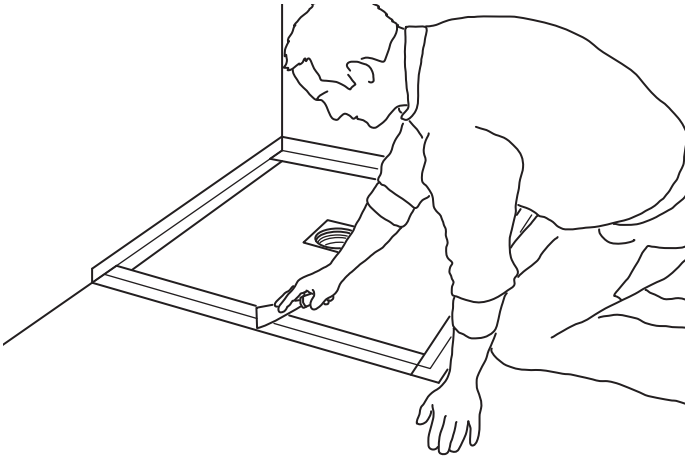
Press on the flange to insert the piece into the drain.

Caution: Press directly on the flange, not on the edge of the shower element.

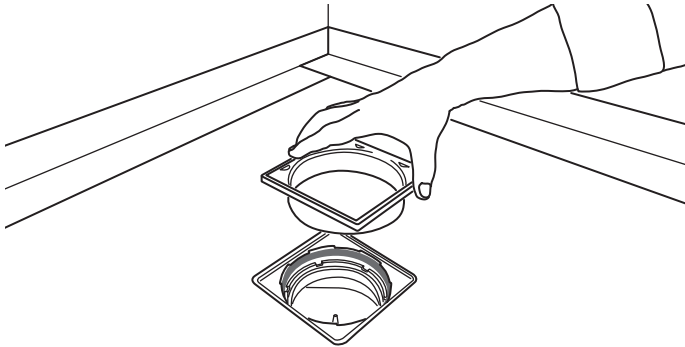


7) Insert the clamping collar (3) and screw tight with the clamping collar tool (4).





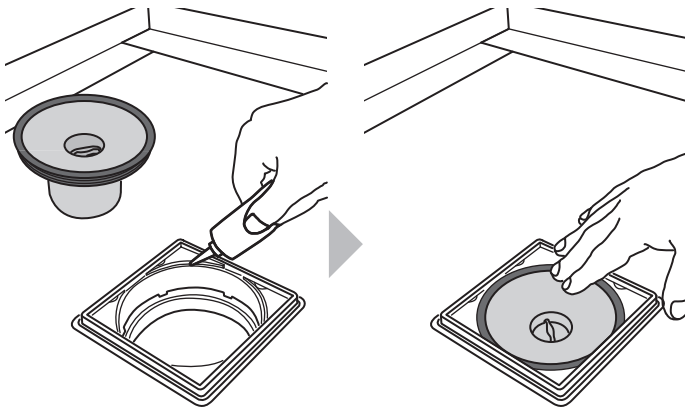
8) All butt joints are sealed with the JACKOBOARD® sealing set (or equivalent).



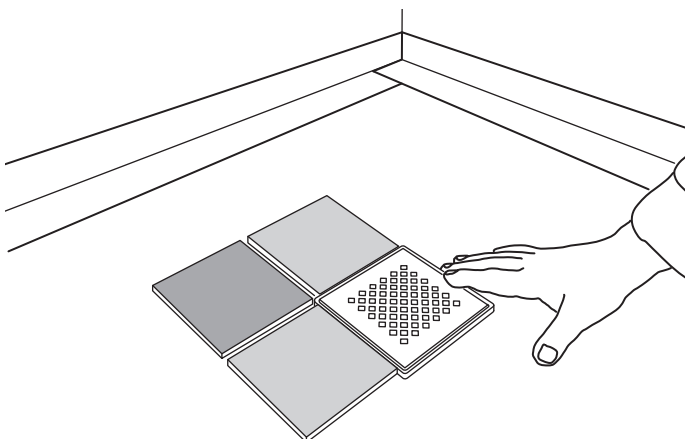
9) Insert the grate support frame (8) in the shower tray base.

The height of the support frame can be adjusted between 3 – 38 mm depending on the thickness of the tiles. It can be shortened if necessary.

If using thicker tiles we recommend first fitting the grate extension insert (5) into the flange on the shower tray base.



10) Grease the top edge of the top piece (8) with installation grease (1 packet of installation grease is included in the box containing the drain). Then insert the odour trap (6)



11) Position the grate (9) in place. The shower base is now ready for tiling.

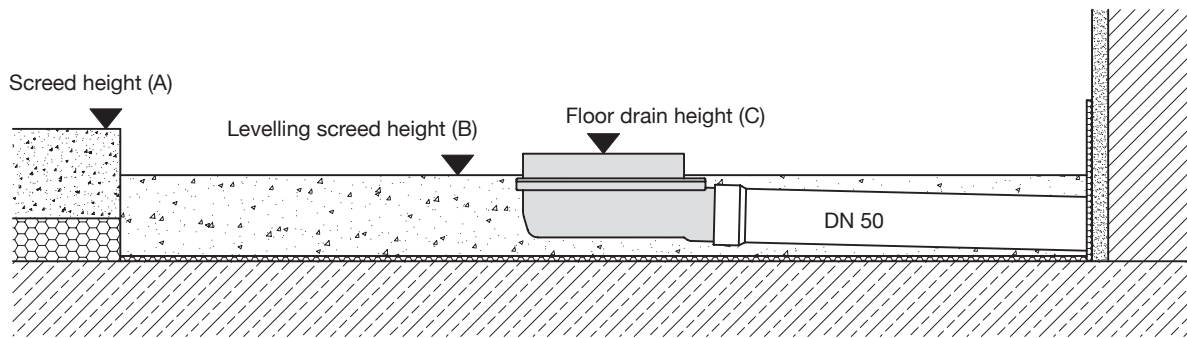
Notes for laying tiles on JACKOBOARD® Aqua: JACKOBOARD® Aqua is suitable in principle for applying all types and sizes of tiles.

However for mosaic tiles of 25mm square or less we recommend using epoxy resin grout for the tile joints.

If the shower is to be wheelchair accessible then tiles that are 50mm square or greater must be used.

Tiles larger than 150 x 150mm must be cut to follow the valleys of the falls.

Installation heights

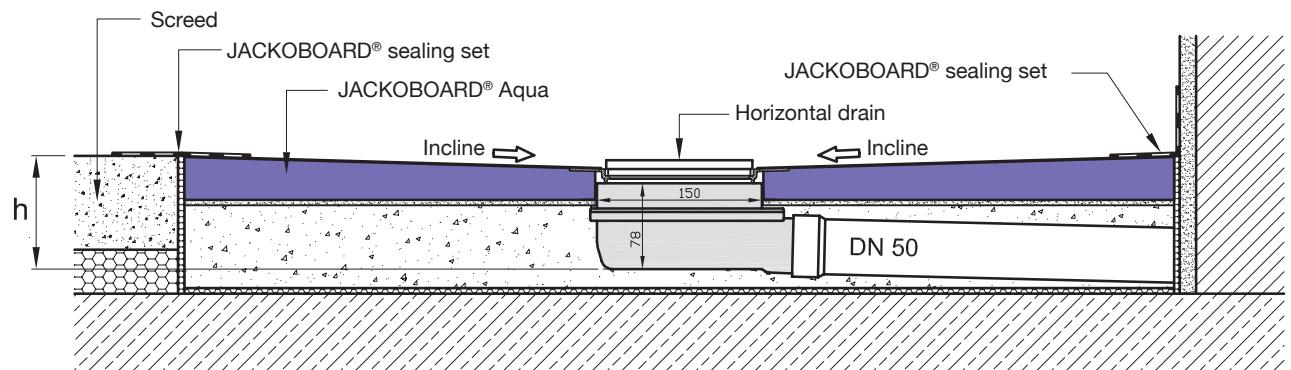


Height information / distances

Dimensions	Thick-ness (mm)	Drain position	Installation height (h) with horizontal drain (mm)	Distance screed-levelling screed A-B (mm)	Distance screed-floor drain A-C (mm)	Distance floor drain/levelling screed B-C (mm)
900 x 900	40	central	97	45	20	25
1000 x 1000	40	central	99	45	22	23
1200 x 1200	40	central	102	45	25	20
1200 x 900	40	central	100	45	23	22
1500 x 1500	40	central	106	45	29	16
1800 x 900	40	central	105	45	28	17
900 x 900	40	offset (250/250)	103	45	26	19
1000 x 1000	40	offset (250/250)	106	45	29	16
1200 x 1200	40	offset (350/350)	109	45	32	13
1800 x 900	40	offset (650/450)	109	45	32	13
1800 x 900	50	offset (450/450)	113	55	36	19
900 x 900 Quadrant	40	offset (250/250)	99	45	22	23
1200 x 900	40	offset (250/450)	106	45	29	16
1400 x 900	40	offset (450/450)	106	45	29	16
1500 x 900	40	offset (450/450)	108	45	31	14
2000 x 1000	50	offset (500/500)	116	55	39	16
Aqua Circle	40	central	99	45	22	23
Aqua Spiral	50	offset	110	55	33	22

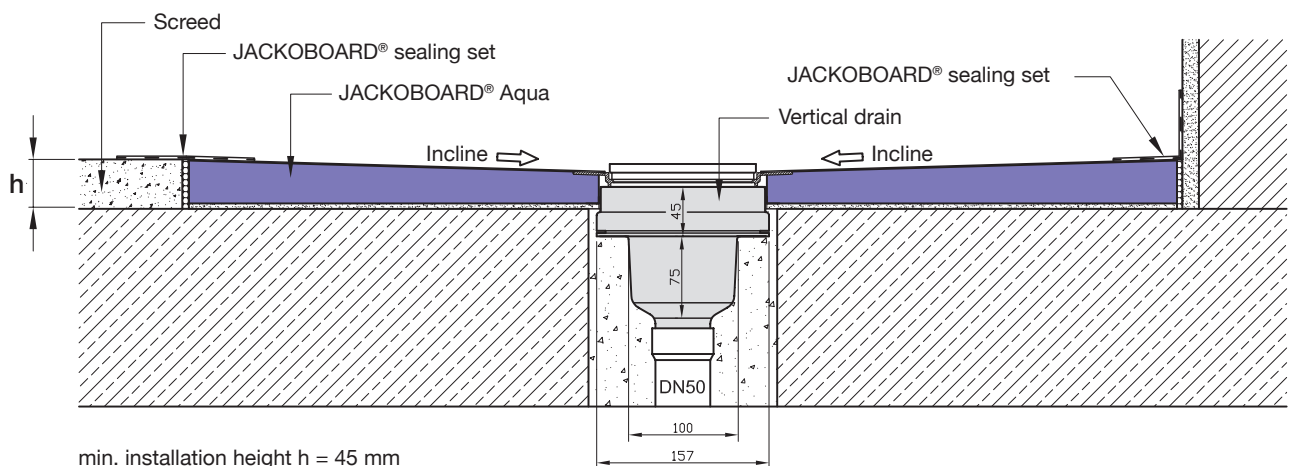
The heights must be specified on site for customised shower elements.

JACKOBOARD® Aqua – Horizontal drain



Installation height (h) see table

JACKOBOARD® Aqua – Vertical drain



min. installation height $h = 45 \text{ mm}$
Shower element thickness (40 mm) + mortar (5 mm)

How to install JACKOBOARD® Aqua and Aqua Flat on suspended timber floors.

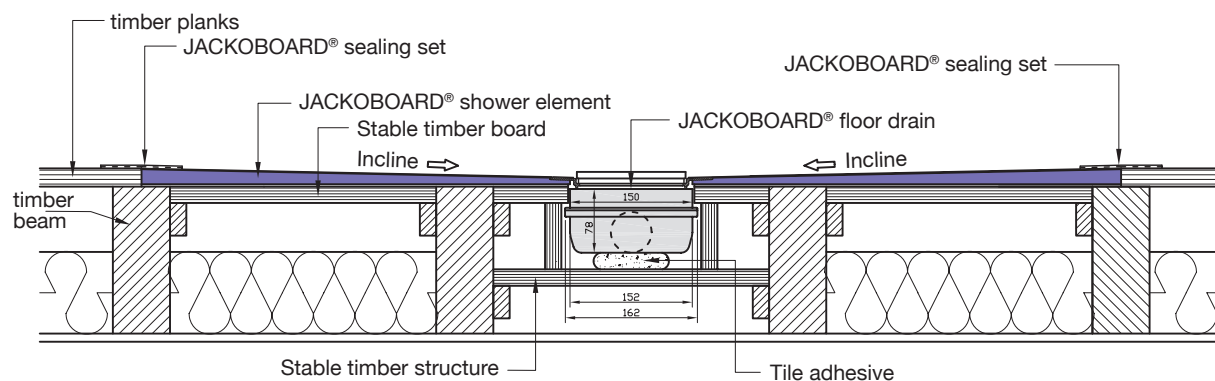
The following notes must be observed in addition to the general installation instructions.

When JACKOBOARD® Aqua or Aqua Flat is used on a suspended timber floor, the entire surface of the substrate must be capable of bearing loads. If required, a stable timber board which supports the entire shower base must be installed between the timber joists. Additionally, the drain itself must be seated on a firm surface. Please see diagram below. The timber substrate must be treated with a suitable primer for bonding with a cement-based flexible adhesive. The shower base must be bonded to the substrate using a cement-based flexible tile adhesive.

Sealing the joints:

All connecting joints must be sealed with the JACKOBOARD® sealing set (or equivalent). Please ensure that the adjoining areas of timber flooring are treated with a suitable primer before taping the joints.

JACKOBOARD® Aqua/Aqua Flat on timber beam ceilings



Please note

The information provided in this leaflet is based on our knowledge and experience to date. It does not constitute a guarantee in any legal sense. When using this product, please always bear in mind the circumstances of the particular intended application, especially with regard to physical, technical and legal construction issues.