

## JACKOBOARD® Aqua FLAT Shower Trays

- Pre-formed waterproof shower trays for timber floors

### Product Description

The **JACKOBOARD®** Aqua FLAT shower tray is manufactured in Germany from purple extruded polystyrene foam. The rigid foam is coated on both faces with a glass fibre reinforced mesh and cementitious coating to provide a perfect substrate for tiling.



### Product Properties

The **JACKOBOARD®** Aqua FLAT shower tray comes with the falls already pre-formed into the tray. These falls are calculated to evacuate 0.9 litres of water per second, which suits both of our drain body options. The drain collar is bonded and sealed in the factory ensuring the secondary drainage system is secure and sealed. The pre-formed CNC machined falls in the trays provide a useful template for the tile cut lines, ensuring the water flow to the drain is optimal.

### Surface preparation requirements

**JACKOBOARD®** Aqua FLAT shower trays must be clean and free from any contaminants. Wipe down the surface with clean water and sponge and leave to dry prior to tiling.

### Product applications

**JACKOBOARD®** Aqua FLAT shower trays are ideally suited for timber floor types. The Aqua shower tray family consists of different thickness trays and sizes based on the application. Please contact our technical department for more information.

- The Aqua shower tray is ideally suited to timber floor applications due to 20mm thickness. The family of Aqua products include an Aqua option that is 40mm thick, which is suitable for screeded floors
- **JACKOBOARD®** Aqua FLAT shower trays must be fully supported
- The Aqua shower trays are bonded down with a C1 or C2 cement based flexible tile adhesive
- Trays can be cut, repaired, and trimmed. Please contact our technical department for more information
- Suitable for wheelchair access when tiled
- To be installed with **JACKOBOARD®** tray sealing kit
- Choice of horizontal or vertical drains
- Choice of drain covers
- Easy access to drains for cleaning
- 50mm water seal
- NOT SUITABLE for vinyl floor applications.

### JACKOBOARD® Aqua FLAT Shower Trays (continued)

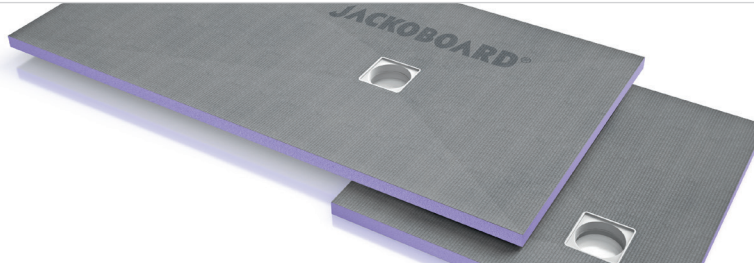
#### Pre-formed falls



Art. no.	EAN code	✓	Thickness mm	Panel dim. mm	Drain position
4512290	40 25345 09810 5		20	800 x 800	central
4512101	40 25345 09739 9		20	900 x 900	central
4512291	40 25345 09811 2		20	1000 x 1000	central
4512103	40 25345 09741 2		20	1200 x 1200	central
4512102	40 25345 09740 5		20	1200 x 900	central
4512294	40 25345 09814 3		20	1800 x 900	central
4512458	40 2534 509951 5		25	1500 x 1500	central

Bespoke sizes available on request

#### Pre-formed falls



Art. no.	EAN code	✓	Thickness mm	Panel dim. mm	Drain centre from the edge
4512292	40 25345 09812 9		20	1000 x 1000	300 / 300
4512293	40 25345 09813 6		20	1200 x 900	450 / 450
4512357	40 25345 09916 4		20	1200 x 900	600 / 300
4512359	40 25345 09917 1		20	1300 x 800	650 / 300
4512295	40 25345 09815 0		25	1500 x 800	450 / 400
4512360	40 25345 09918 8		25	1800 x 900	900 / 300

Bespoke sizes available on request

### JACKOBOARD® Aqua FLAT Shower Trays *(continued)*

#### JACKOBOARD® Aqua shower element

Properties	Unit	Value
Compressive strength at 10% compression according to EN 826 (XPS core)	kPa	> 300
Tensile strength	kPa	> 200
Fall	-	integrated
Thickness	mm	20, 25, 40, 50
Minimum tile size	mm	25 x 25 x 4 <sup>1)</sup>
Wheelchair accessible from tile size	mm	50 x 50 x 6,5
Fire behaviour	-	Euroclass E
Thermal conductivity ( $\lambda_D$ ) according to EN 13164 (XPS core)	W/(m·K)	0,034

<sup>1)</sup> For smaller tile sizes the joints must be grouted with epoxy resin grout.

#### Horizontal drain (Art. no. 4512007)

Properties	Unit	Value
Drainage rate	l/s	0,9
Installation height	mm	77
Water trap height	mm	50 <sup>2)</sup>
Grate load class	-	K3
Pipe connection	-	DN 50
Grate size	mm	120 x 120 x 4
Grate frame size	mm	130 x 130 x 9
Tile thickness incl. plaster	mm	3-38

<sup>2)</sup> Installation height incl. shower element up to 97 mm

#### Vertical drain (Art. no. 4512008)

Properties	Unit	Value
Drainage rate	l/s	0,9
Installation height	mm	115 <sup>3)</sup>
Water trap height	mm	50
Grate load class	-	K3
Pipe connection	-	DN 40 and DN 50
Grate size	mm	120 x 120 x 4
Grate frame size	mm	130 x 130 x 9
Tile thickness incl. plaster	mm	3-38

<sup>3)</sup> Floor drain underside (without drain nozzle)

### Sustainability

Our factories are managed to the highest standards of environmental compliance and our products are also independently tested to ensure they meet the most rigorous European standards. In addition **JACKON** products are designed to reduce the energy requirements of any building throughout its lifetime and therefore contribute significantly to a reduction in global warming.

