

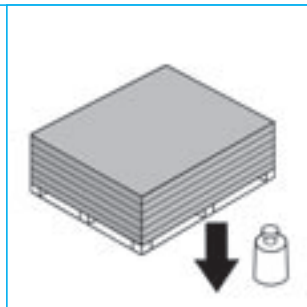
Processing and installation

Transportation and storage

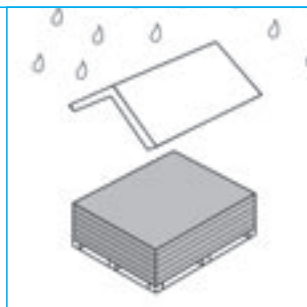
Always carry the boards upright, or use board rollers. Handle with fork lift or crane as palletted goods. Take care not to damage corners and edges when setting the boards down!



Ensure that the base is strong enough to support the boards. One pallet of AQUAPANEL® Cement Board Outdoor applies a weight of approximately 870 kg (8.7 kN).



Protect AQUAPANEL® Cement Board Outdoor from moisture and weathering before it is installed. Boards which have become damp must be dried on both sides on a flat surface prior to fitting.



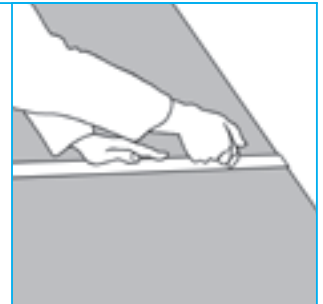
Installation

Before installing, condition the boards to the ambient temperature and humidity. The ambient air and component temperatures may not be below +5°C. Do not apply basecoat or finishing materials in temperatures less than +5°C.

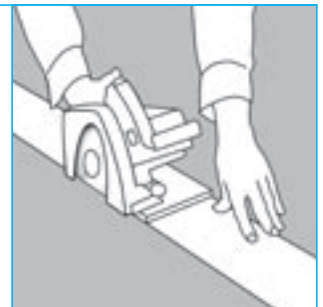


Formatting

Mark the desired shape on the board with pencil and ruler. Use a knife to score the AQUAPANEL® Cement Board Outdoor on one side along the line so that the mesh is cut. Snap the scored edge and cut the mesh on the rear side.

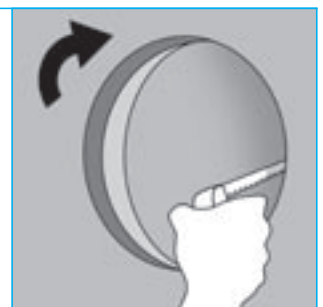


For sharp-edged cuts, for example, exterior edges, use a hand-held circular saw with a dust extractor or a pendulum jigsaw. Use of a carbide or diamond-tipped saw blade is recommended.



Cut-outs

To make cut-outs for wiring and pipes, use a jigsaw or keyhole saw. The diameter of the opening should be approximately 10 mm greater than the diameter of the pipe. The remaining gap can be closed with a cuff, suitable sealant or sealing strip.



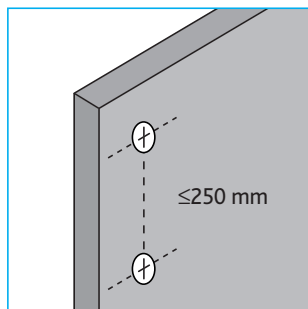
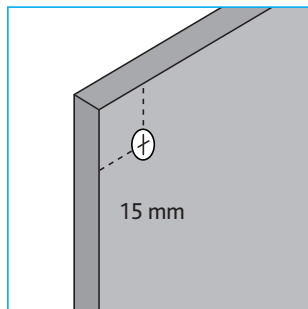
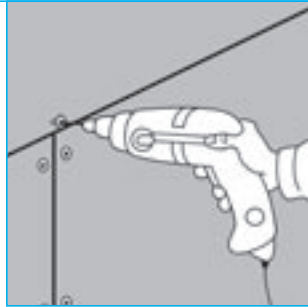
Installation with screws

Fasten AQUAPANEL® Cement Board Outdoor to the framework with AQUAPANEL® Maxi screws. As appropriate, use AQUAPANEL® Rustproofed Screws to attach the boards to the wooden supporting frame. First fasten the screws into the centre of the cement boards; then work towards the ends and the edges. During installation, make sure the cement boards are resting on the framework.

Screw spacing ≤ 250 mm.
Spacing from edge ≥ 15 mm.

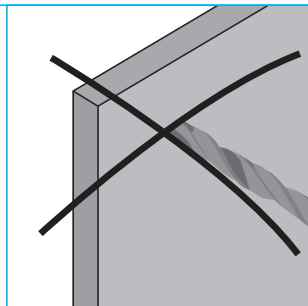
Screws should not be overtightened.

Note: Please observe a gap of 3 – 5 mm between the boards



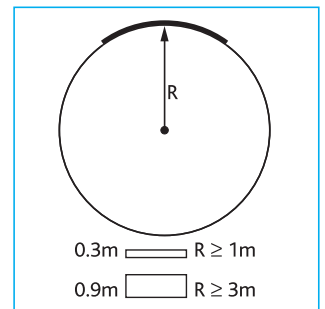
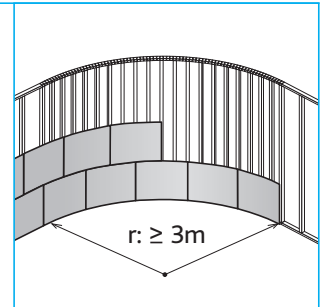
No predrilling required

Screw points are indicated by small crosses on the cement board itself.



Curved wall and façade constructions

AQUAPANEL® Cement Board Outdoor is ideally suited for applications such as arches and curved walls. These must be pre-formed dry before installing the boards. Before installation, bend the cement board panel. The fine cracks that occur on the board surface will not cause any loss of performance. Install the framework (relevant curved shape) to take the pre-formed AQUAPANEL® Cement Board Outdoor. For small radii, we recommend the additional installation of studs and support sections. A distance of no more than 300/312.5 mm should be chosen for the studs or support sections. The radii of curvature of AQUAPANEL® Cement Board are possible up to determined radii of the overall construction.



Board size:
1200/2400/1250/2500 x 900 mm
Minimum bending radius ≥ 3 m
Strip size*:
1200/2400/1250/2500 x 300 mm
Minimum bending radius ≥ 1 m

* You have to cut these strips to size yourself.