

## How to insert a water wall (sheet descent) in your modular wall

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"A sheet descent water feature (water wall) can be a real highlight of your outdoor entertaining area."

Traditionally installed in masonry walls, the Modular Wall System offers the home handyman a quick and inexpensive way of creating a stunning water feature with much less hassle.

Note: this instruction assumes that the back side of the modular wall is not visible and is within your property boundary.

How to insert a water wall

Step 1. Select an appropriate spillway. We recommend stainless steel spillways because they are durable, simple to install and easy to clean. As a maximum we recommend that the spillway is less than half the width of the wall panel. Also, choose a spillway with the water supply entering from the rear - this will allow you to run your pipework behind the wall. Spillways are available with bottom entry pipes also- these are useful for cavity walls and allow you to conceal the pipework within the wall.

Step 2. Cut the modular wall panel so that there is a small slot on the front side (only the spillway protrudes, and you can't see the basin). At the rear of the wall, cut a section slightly larger than the basin and insert the spillway from the rear. Fix it in place with clear silicone and connect pipes from your pump to the spillway.

Examples An example of a sheet decent feature installed in a modular wall panel. The panel is finished with a texture coat paint. Note that only the spillway is visible from the front.

An example using stack stone cladding on the face of a modular wall. This is achieved by using a spillway with a longer lip, as the stack stone adds about 30mm to the width of the wall. Note that some water trickles down the stonework. We recommend using an aluminium angle to prevent water seeping out of the pond along the wall (see image below). This example uses timber to frame the water feature.

Spillway recommendations The recommended maximum height for the spillway is 1 meter above the pond - any higher than this and the sheet of water can be scattered by wind gusts, creating a lot of splashing and water loss. Also, a higher spillway needs a bigger pump to lift water up to it, which can be expensive.

Modular Wall Systems is the original inventor of the modular wall system. The company has rapidly grown to become the industry leader in acoustic and boundary wall solutions. We stand for quality, innovation, precision engineering and unrivaled customer service.

[www.modularwalls.com.au](http://www.modularwalls.com.au)

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