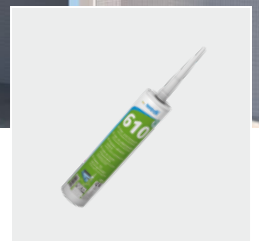


wedi boarding is the new bricklaying

Tips & tricks for wall solutions



It's that easy!

Yesterday it was built – today it's fitted

wedi's versatile wall solutions offer a wide variety of benefits:

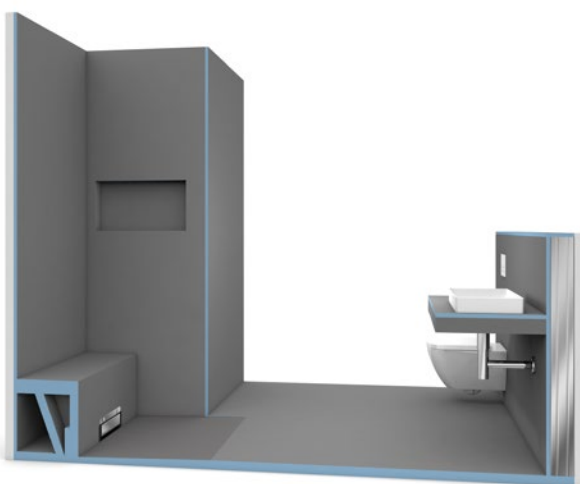
- Reduced overall processing time
- Occupational safety (low weight and little dust)
- Less material to carry
- Fewer work steps

From wall solutions made with standard (600 mm wide) wedi building boards in thicknesses of 50, 60, 80 and 100 mm through large-format, XL/XXL (900 mm/1,200 mm wide) building board solutions to robust Sanwell XL/XXL (likewise 900 mm/1,200 mm) wall elements with integrated niche, all are available within our standard product range.

In addition, we can also offer you other customised wall solutions upon request with technical components integrated during manufacturing and tested in the factory before dispatch:

- Flush-mounted fittings
- Pipework
- Connections
- Our composite fixing/reinforcement plates

Position, install and connect – thanks to the high-degree of prefabrication, many time consuming and risky steps are omitted and tiling can commence the very next day. This results in a trouble-free interaction of all trades working on site.

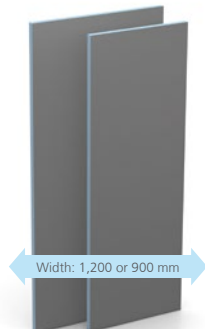


wedi wall solutions

All wedi wall solutions can be integrated into the wedi system and form a part of the wedi sealing system with a general building authority test certificate or DIN 18534.



wedi walls made from standard building boards (50, 60, 80, 100 mm)



wedi walls made from XL/XXL building boards (50 mm)



wedi walls made from Sanwell XL/XXL wall elements (100 mm)



wedi customised technical walls

PROFESSIONAL TIP

- Shower partition walls up to 1,200 mm wide, attached to the wall and floor with only wedi 610 with no additional ceiling or wall support required.
- Shower partition walls from 50 mm thickness are approved.
- Shower partition walls more than 1,200 mm wide need additional reinforcement. The reinforcement can be a ceiling support or a change of direction in the form of a curve or corner, for example.



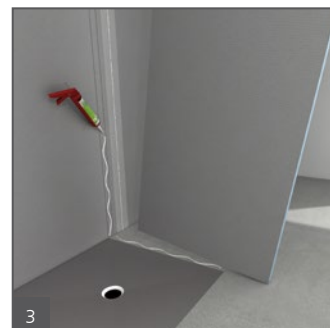
Installation example: wedi wall made from XL/XXL building board



Mark the angle and plumb line for positioning of the wedi building board and check the full surface bedding of the building board on the floor, trim if necessary. Can be processed with no additional fixing up to a width of 1,200 mm from 50 mm thickness.



Shorten the wedi building board XL/XXL (900 mm/1,200 mm wide) to the desired size with a cutter knife, saw, hand-held circular saw or jigsaw.

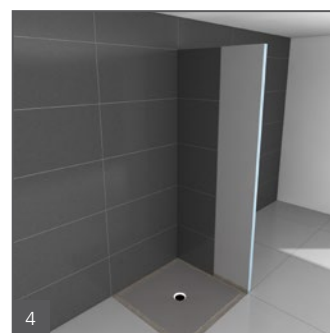
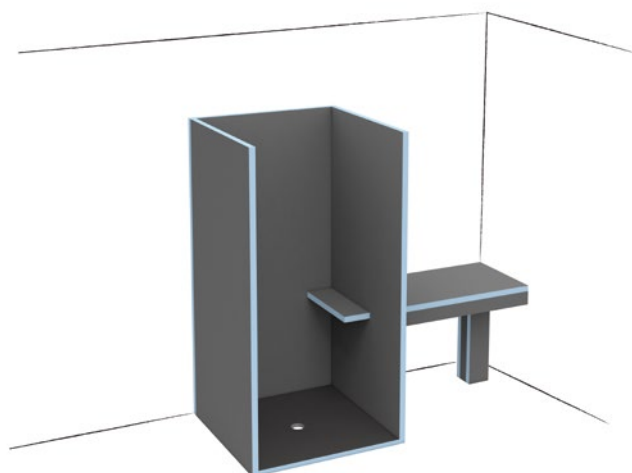


Apply wedi 610 to the wedi building board XL/XXL, the floor and the wall in wavy lines. Then place the element in the marked position. Fix in position if necessary.

! During installation, care should be taken to ensure the element is not placed directly on electric underfloor heating.

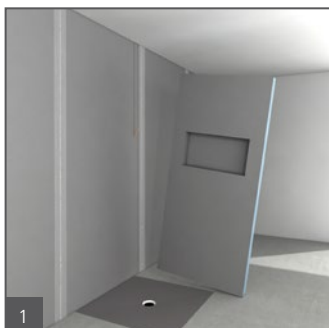
PROFESSIONAL TIP

With XL/XXL wedi building boards (900 mm/1,200 mm wide), you can create a shower area with a practical shelf and adjoining wash stand very easily, quickly and safely.

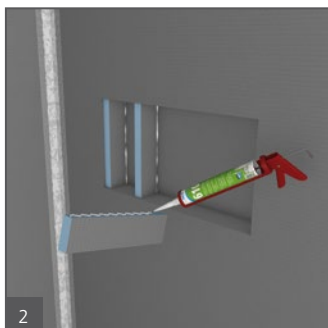


Cover the XL/XXL building board (900 mm/1,200 mm wide) with a chosen finish, e.g. tiles or ready-to-install wedi Top Wall design surface. Alternatively it can also be plastered on the outside (dry side).

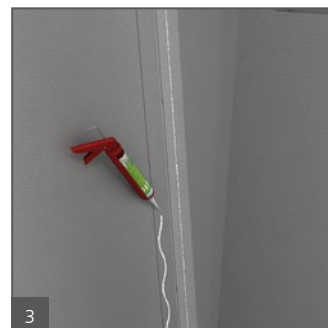
Installation example: wedi Sanwell® wall element XL and XXL



1 Mark the angle and plumb line for positioning of the wedi Sanwell wall element and check the full surface bedding of the element on the floor, trim if necessary. Can be processed with no additional fixing up to 1,200 mm width.



2 The size of the wedi niche can be altered to the desired format by gluing in wedi building boards (material included in the scope of delivery). The position of the niche can also be lowered by cutting the Sanwell wall element to length.



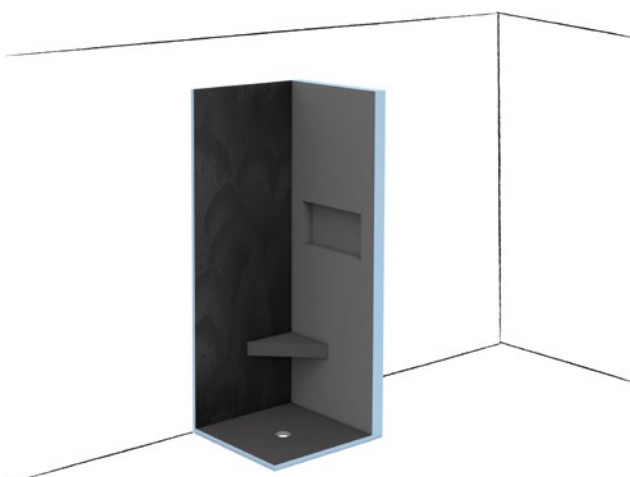
3 Apply wedi 610 to the Sanwell wall element, the floor and wall in wavy lines. Then place the element in the marked position. Fix in position if necessary.



4 Cover the Sanwell wall element (900 mm/1,200 mm wide) with a chosen finish, e.g. tiles or ready-to-install wedi Top Wall design surface. Alternatively it can also be plastered on the outside (dry side).

PROFESSIONAL TIP

wedi Sanwell XL and XXL wall elements can be installed easily with wedi 610 adhesive sealant without the need for drilling. The same applies for the Sanoasa corner seat, which can also be bonded with wedi 610 without drilling, even after tiling.



Proven by comparison

wedi wall solutions are more effective than brickwork

“We’ve always used brick construction” – “Much too expensive” – Many professionals rely on old, tried and tested techniques and prefer traditional wall construction with brickwork/aerated concrete or drywall profiles to the new, significantly quicker wedi wall solutions. A direct comparison however shows that supposed advantages of traditional walls are often completely without foundation. The following parameters are compared: procurement of materials and construction of the wall and sealing – all coupled with wait times and drying times. With high-quality wedi wall solutions, you will save time on the construction site and at the same time work efficiently, easily and safely.

and the winners are... wedi walls made from standard XXL building boards

The XL/XXL building board, which is already 100 % waterproof to its core, is available in 50 mm thickness and can also easily be tailored to required dimensions on site with a saw. The wedi benefits are:

- Less weight and fewer individual components to be transported
- Fewer work steps = less working time
- Wall structure incl. factory sealing in one work step
- Tiling after just one day

The table on the next page compares work steps required for a traditional brickwork construction with the installation of a wedi building board XXL (1,200 mm wide) wall as a room or shower partition wall. Specified drying times according to the manufacturers’ recommendations and building regulations were observed (as should always be) and proposed constructions agreed (as a must) with the appropriate manufacturer here. wedi approves the use of the wedi building board XXL with a thickness of 50 mm as partition shower wall (in comparison: aerated concrete is only possible from 70 mm). Set-up and cleaning times (extra time for brickwork), tools and transportation of materials are not taken into account in the comparison, but would only reinforce the advantages of the wedi walls.

Traditional brickwork vs. wedi walls made from standard XXL building boards

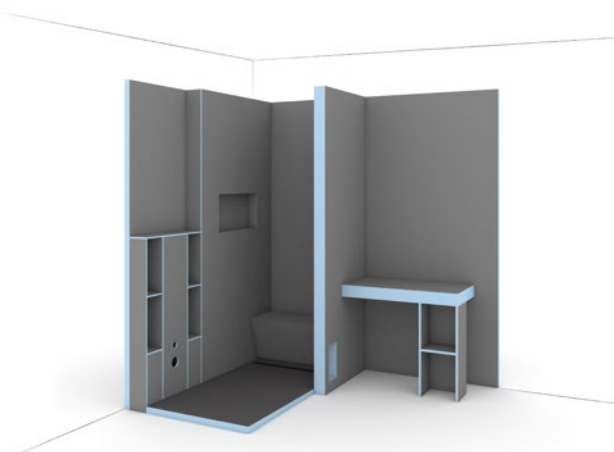
Traditional brickwork 1,200 × 2,500 mm, 3 m ²			
Tools required:			
<ul style="list-style-type: none"> ▪ Spirit level ▪ Pencil ▪ Mixer for mortar and plaster ▪ Handsaw for bricks ▪ Trowel ▪ Finisher/smoothing trowel ▪ Cutter 			
Products	Quantity	Installation	Drying
Brick	approx. 150 kg	approx. 4 hours	tileable after 5 days
Adhesive			
Fabric			
Reinforcing mortar			
Wall anchor			
Primer			
1K sealing			

wedi building board XXL 1,200 × 2,500 mm, 3 m ²			
Tools required:			
<ul style="list-style-type: none"> ▪ Spirit level ▪ Pencil ▪ Cutter, jigsaw or hand-held circular saw ▪ Cartridge gun 			
Products	Quantity	Installation	Drying
wedi BA XXL 50 mm	14.3 kg	30 minutes	tileable the next day
wedi 610 adhesive sealant			


Sources for determining the time: suggested tariff for the North Rhine Tiling and Paving Trade (default values), calculation aid extension – façade – conversion

PROFESSIONAL TIP

The net working time for the installation of wedi wall solutions is just a few hours, meaning that a complete bathroom incl. shower area, wash basin and integrated technology, e.g. heating or flush-mounted fittings, can be fitted in just one day.



Traditional brickwork vs. wedi Sanwell® XXL (1,200 mm)

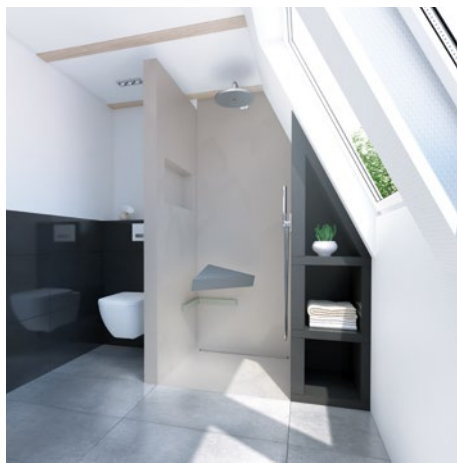
Brickwork with extra niche 1,200 × 2,500 mm, 3 m ²			
Tools required:			
<ul style="list-style-type: none"> ▪ Spirit level ▪ Pencil ▪ Mixer for mortar and plaster ▪ Handsaw for bricks ▪ Trowel ▪ Finisher/smoothing trowel ▪ Cutter 			
Products	Quantity	Installation	Drying
Brick	approx. 180 kg	approx. 9 hours	tileable after 5 days
Adhesive			
Fabric			
Reinforcing mortar			
Wall anchor			
Primer			
1K sealing			

wedi Sanwell wall element XXL 1,200 × 2,500 mm, 3 m ²			
Tools required:			
<ul style="list-style-type: none"> ▪ Spirit level ▪ Pencil ▪ Cutter, jigsaw or hand-held circular saw ▪ Cartridge gun 			
Products	Quantity	Installation	Drying
wedi Sanwell wall element XXL	24.5 kg	30 minutes	tileable the next day
wedi 610 adhesive sealant			

Sources for determining the time: suggested tariff for the North Rhine Tiling and Paving Trade (default values), calculation aid extension – façade – conversion

PROFESSIONAL TIP

The addition of a wedi Sanoasa corner seat or a wedi Sanoasa floating bench is as simple as it is ingenious. You can fully tile the surface and simply bond the two wedi products later with wedi 610 – without any recesses in the tiles or drilling through the sealing.





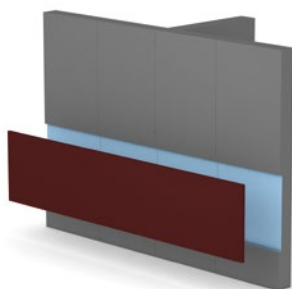
wedi system components: [1] wedi Sanwell wall element [2] wedi Top Wall [3] wedi I-Board [4] wedi Sanoasa bench 4

[5] Fundo Riolito Neo shower element with Fundo Top design surface [6] wedi building boards

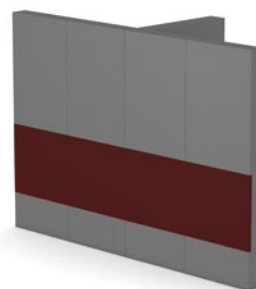
Customised system solutions

wedi offers a multitude of options for developing and manufacturing robust and technically well thought out wall structures for individual bathroom settings. These stretch from walls prefabricated in the factory, optionally with integrated recesses for pipes and fittings, through to ready-assembled shower solutions and systems for wet areas.

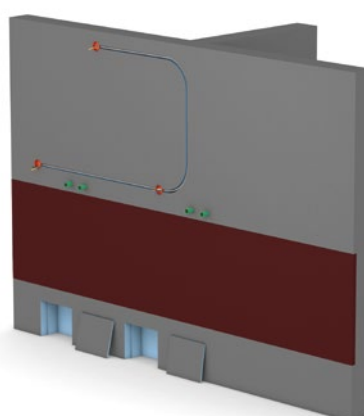
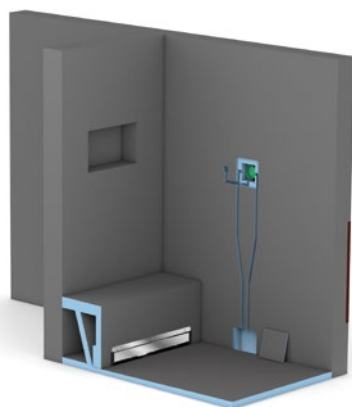
Creation of the routing and installation of the plastic-coated plywood on the construction site



Prefabrication of the routing incl. installation of the plastic-coated plywood in the factory



Complete factory prefabrication of the T module incl. product equipment





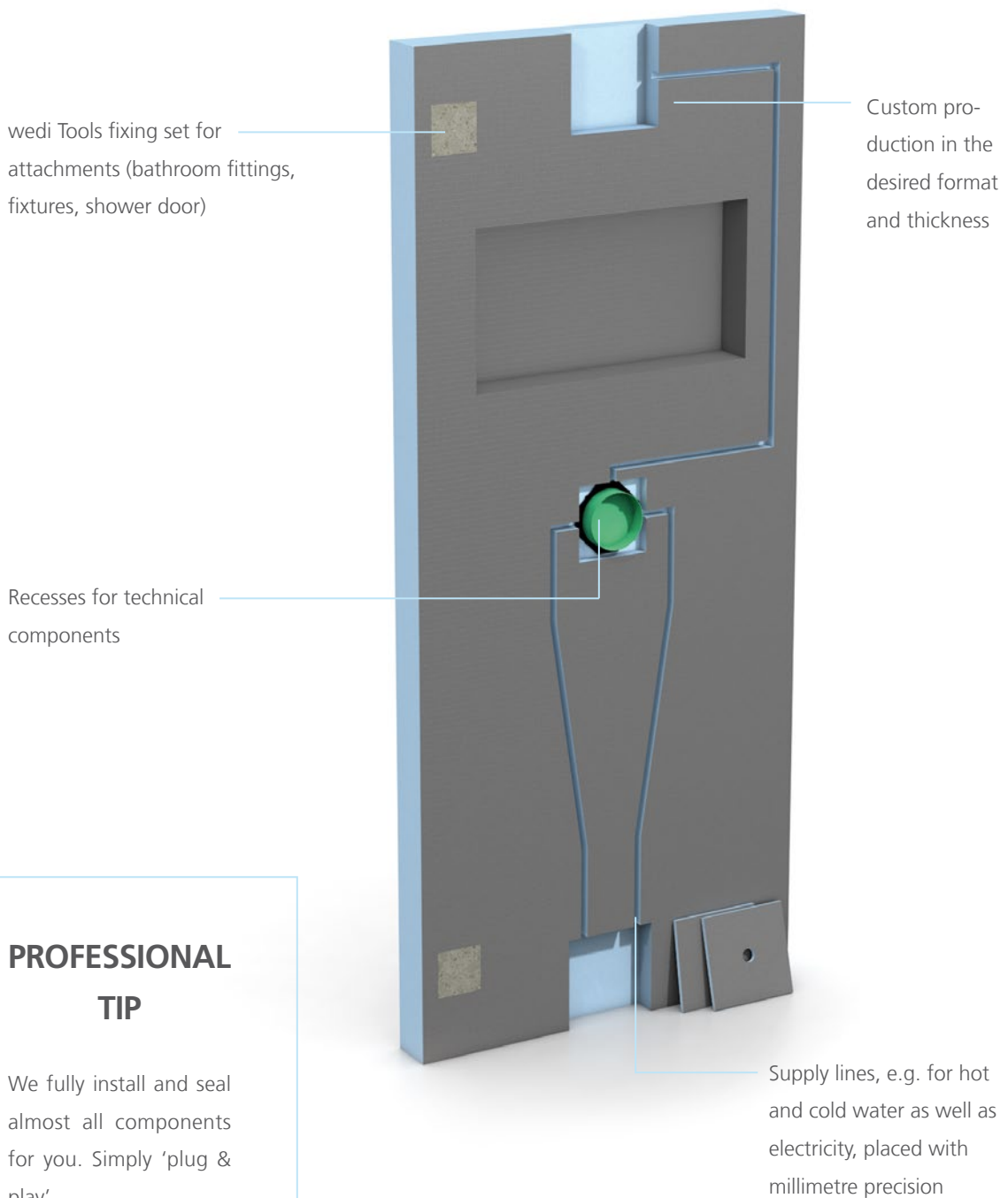
wedi customised module elements

Prefabricated wall structures allow for massive time savings and make work on the construction site easier. wedi offers a wide range of complete modules, e.g. free-standing or attached on one side, with anchoring to the floor and/or ceiling. The example of a private bathroom shown here consists of a T module, which creates two areas – one for the shower, the other for the toilet – that are separated from each other, with its longest side serving as a wash basin structure.

The tested supporting structure – based on module elements made from the wedi building board as a base material – has necessary technical components already integrated in the factory, is equipped with a Fundo Discreto optical wall drain and with integrated niches, offers plenty of practical shelf space.

wedi technical wall

A wedi technical wall is a custom-made product. It means that all parameters are manufactured according to the customer's specifications. This includes both the format and wall thickness, necessary recesses for fittings and power lines as well as for hot and cold water pipes. Unlike traditional brickwork, a technical wall is delivered ready to install and is fitted quickly and safely in accordance with wedi requirements.

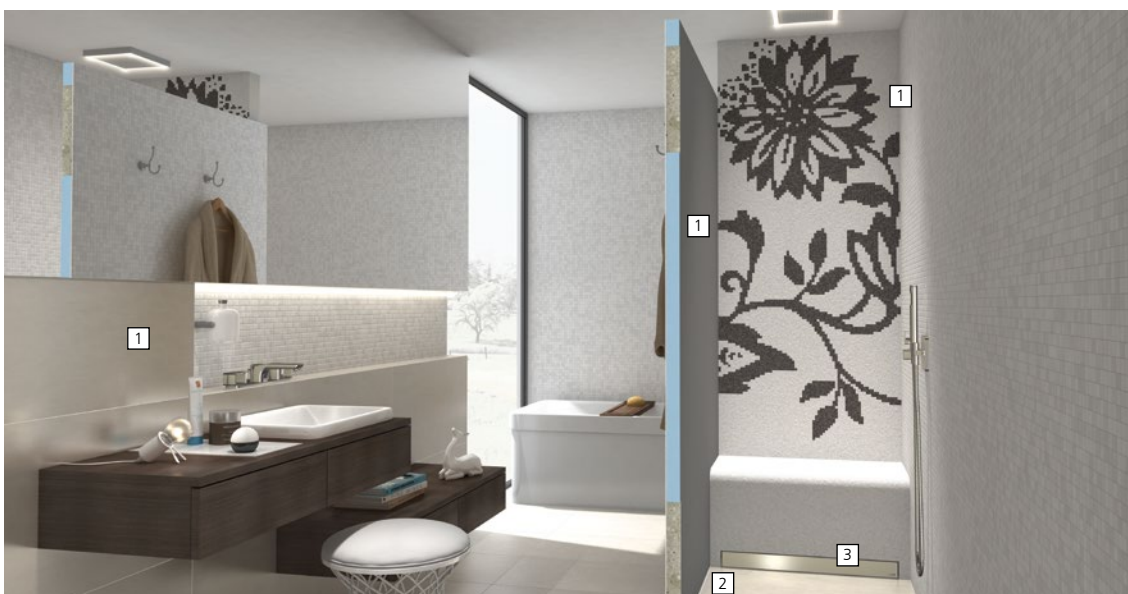


PROFESSIONAL TIP

We fully install and seal almost all components for you. Simply 'plug & play'.

Attachment of a glass door to the open end of a wall solution

A door with a total weight of up to 55 kg (dimensions of up to 1,000 mm × 2,000 mm and 8 mm thick) can be mounted on the open end of a wedi wall solution. A reinforcement board should always be used in the hinge/attachment area when attaching a glass door. The wedi Tools fixings set is ideally suited for this. The minimum tile thickness for a partition shower wall with door is 6 mm.



wedi system components: **1** wedi building board **2** Fundo Riolito Neo **3** Fundo Discreto attachment element



Attachment of a radiator

A radiator with a total weight of up to 80 kg can be installed quickly and safely with the help of reinforcement boards from the wedi Tools fixing set. Correct positioning of reinforcement boards is crucial here. Routing for laying of hot water pipes can be milled into the wedi building board or the wedi Sanwell wall element using a router.

The pipes can thus be simply laid in the groove and then infilled with tile adhesive. The filled routing must be reinforced with wedi Tools self-adhesive reinforcement tape before tiling. The minimum tile thickness for the partition wall and radiator combination is 6 mm.



wedi system components:

- 1 wedi Tools fixing set 2 wedi building board XXL
- 3 wedi Tools sealing collar 4 Fundo Primo



wedi system components: 1 wedi building board 2 wedi Tools fixing set 3 wedi Tools sealing collar 4 wedi I-Board
5 wedi Sanoasa corner seat 6 Fundo Plano shower element



wedi system components: 1 Top Wall 2 Fundo Top

Attachment of fittings or wash stands

Fittings can be attached to wedi wall solutions in just a few work steps. First, the precise position of the reinforcement board must be marked and the area must be separated using a router. The depth of the routing corresponds to the thickness of the reinforcement board plus 1–2 mm for adhesion with wedi 610 adhesive sealant.

The reinforcement board can then be glued flush into the routed area using wedi 610 adhesive sealant and then reinforced with wedi Tools self-adhesive reinforcement tape.



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