

Installation Guide

Sanitary Systems
Valid from 1. January 2015

**KNOW
HOW**
INSTALLED

1 Installing Geberit Duofix

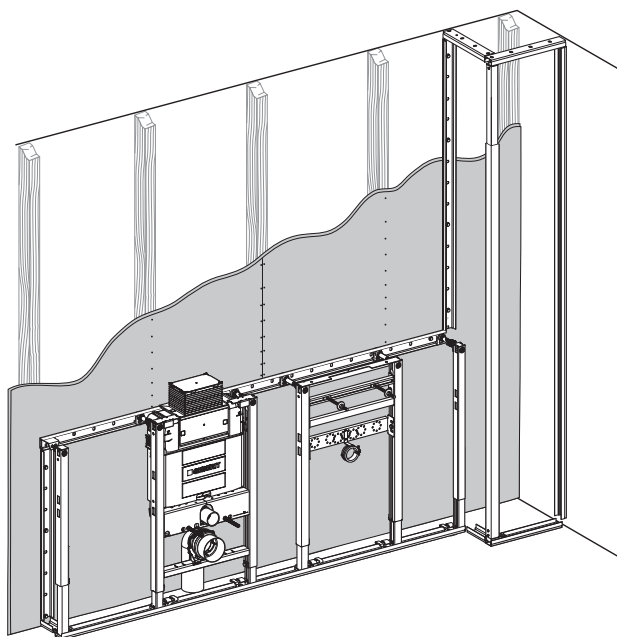
1.1 Stud partitioning wall

Stud work needs to be load bearing (check with the stud manufacturers). We recommend you use:

- 70/75mm studs
- At no more than 400mm centres
- 50mm studs need to be doubled up back to back

Always try to use system rail in front of stud wall and aim to pick up minimum 3 studs, this will help spread the load along the wall (ensure plasterboard is at least 18mm thick against the stud wall) and covers the whole of the wall.

1.2 PreWall system - plasterboard



The use of system rail also offers the opportunity to install Duofix in front of plaster stud walls.

NB. Plasterboard has to be at least 18mm thick

If fixing back to a solid wall or against a stud partition wall the depth should be no more than 600mm using Geberit extension rods 111.887.00.1. They can use the following combination only:

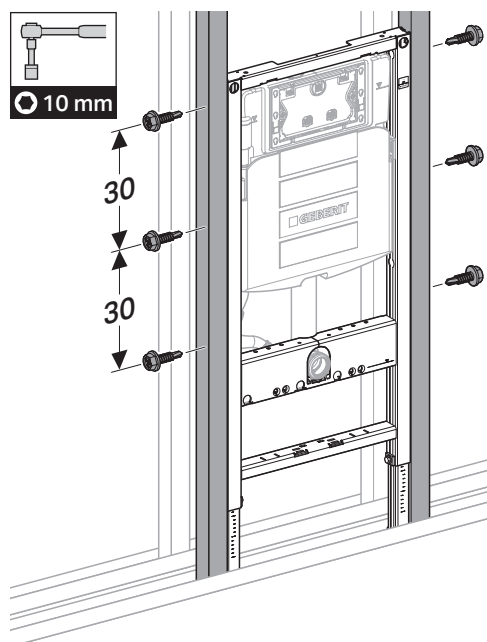
- Geberit brackets with Geberit extension rods (max 600mm). Needs 2 extension rods for 600mm (this is used with Geberit system rail)
- Or M10 stud screwed into a back plate/unistrut

Please note: Geberit brackets must not be used with other manufactured M10 extension rods. This is due to the potential groove in the stud being different to those of the Geberit bracket.

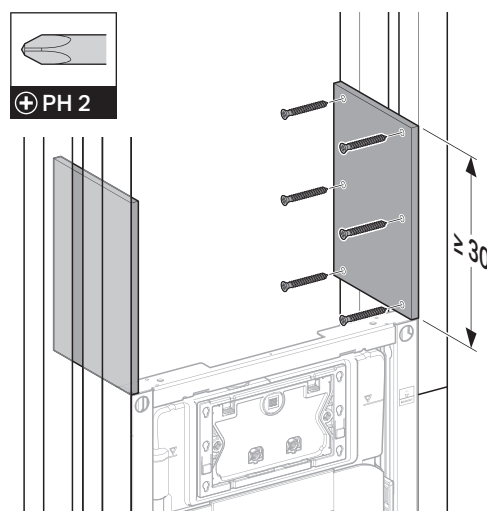
Geberit do not recommend extending the mounting rods more than 600mm due to the increase in counter lever force that would be applied to the frame.

1.3 Metal stud work

Prior to specification and installation ensure you check with stud manufacturers regarding application to ensure the studs are of sufficient strength. Geberit recommend studs be doubled up as below and timber used within the studs to strengthen them up. This will enable a good fixing point for the Duofix frame when securing into the sides.

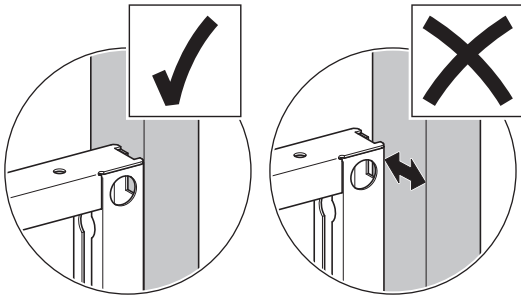


Studs must be doubled up as per the installation guide with a timber brace secured above the frame.



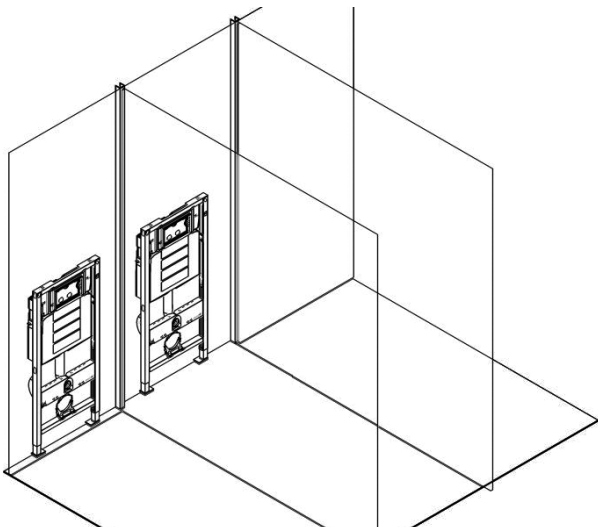
Follow installation guide when fixing within stud work see Duofix frame 111.384.00.5

Duofix frames must be installed level with the stud work.



1.4 Cubicles or panels

For cubicles/panels/glass etc. always ensure there are no gaps between the front face of the frame and cubicle or panel as this may cause the pan to flex and they are fixed against the Duofix frames. Speak to Geberit for advice on your cubicle/panel type as there are various fixing methods.

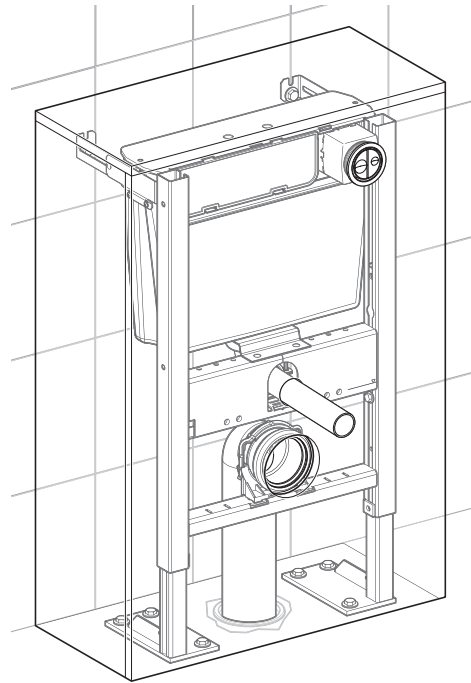


1.5 Furniture

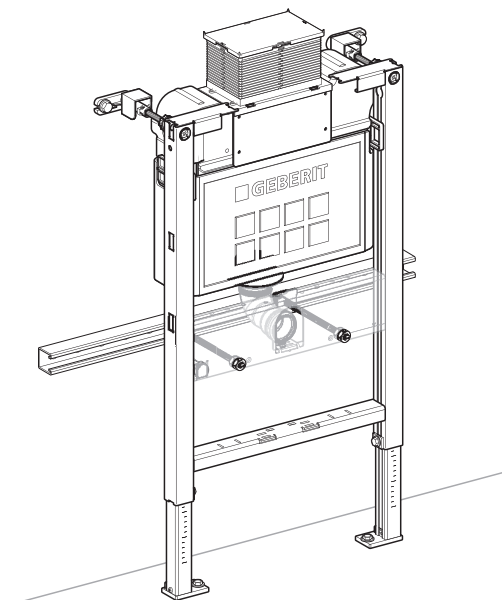
For in front of the wall furniture caskets Geberit would advise the use of Duofix furniture frame (111.706.00.1).

- For use with furniture and furniture clips only
- Furniture must have full length front plinth, beware of split panels/not for use with recessed plinths
- Ensure the frame is securely fixed to the wall using the brackets provided and to the floor through the feet using the Geberit bolts included in the scope of delivery
- Bespoke furniture - fixing back to a solid wall is advised (max 600mm depth)
- Use furniture frame for units max 335mm

- Panel is fixed directly to the ply. Ensure 18mm ply is fixed directly to the frame and boarding is fixed tight up against the face of the Duofix frame and screwed directly in to ensure stability



Alternatively to use a Duofix WC frame with a Kappa concealed cistern (111.260.00.1) in conjunction with bespoke furniture clips you must also use a Fixation Bar for furniture 111.837.00.1.

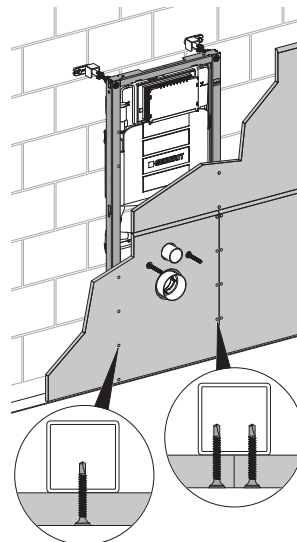
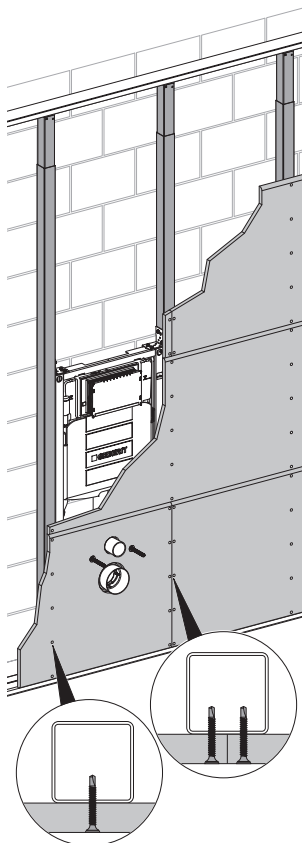


2 Boarding Geberit Duofix

Ensure any boarding is fixed directly to the frame with no gaps. Any gap between the boarding and the frame will cause movement and could cause the WC pan to flex.

Ensure there is:

- A minimum of 1 x 12.5mm moisture and fire resistant plasterboard
- Or 2 x 12.5mm standard plasterboard
- If ply is being used check the thickness with contractor (minimum 18mm ply is recommended)



Note: Any boarding or furniture panelling must be fixed tight up against the face of the relevant Duofix frame, and screwed directly to the frame where possible

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