NEW

GEBERIT

GEBERIT FLOWFIT

FLUID PLANNING PROCESSES FOR THE FUTURE



KNOW HOW INSTALLED

NEW STANDARDS

NO MORE LIMITATIONS

Geberit FlowFit is an innovative piping system capable of handling future supply system challenges today. With this in mind, Geberit FlowFit can form part of a particularly lean planning and design process, since the flow-optimised product design offers a wide variety of advantages. The Geberit FlowFit system reaches whole new dimensions in terms of efficient supply, economic planning, and sustainability, and has been designed to stand the test of time for years to come.



DATA FLOW
Intelligent planning

WATER FLOW
Flow-optimised hydraulics

WORK FLOW
Convenient installation

MATERIAL FLOW
Sustainability concept





CONTENT FLOW

NO MORE OBSTACLES

Get where you need to go in just a few clicks with data you can rely on when planning Geberit FlowFit: up-to-date, market-specific and informative solutions are available, particularly for sanitary engineers who use BIM. The plug-in for Autodesk® Revit provides users with direct access to the current BIM content for Geberit systems.

CATALOGUE MODULE IN THE GEBERIT BIM PLUG-IN

The simplified parametric geometries with the relevant metadata in the background make for efficient planning processes. The BIM content for the piping systems does not have to be downloaded individually, but can be activated efficiently as a whole by double-clicking. This means that all dimensions along with the fittings and shaped parts relevant for pipe routing are directly available.

The connection to the product data system means the BIM content for Geberit FlowFit is available right from the market launch and appears automatically in the BIM product catalogue with the next update.

STRAIGHTFORWARD TENDER DATA

Planning processes such as those for participating in tenders can also be output with a click on a manufacturer-neutral basis.

PLUG-IN FOR AUTODESK® REVIT

The "Geberit BIM Plug-in" for Autodesk® Revit is available as a free download.
→ **www.geberit.co.uk/BIM**

DRINKING WATER HYGIENE

NO MORE UNNECESSARY PRESSURE LOSSES

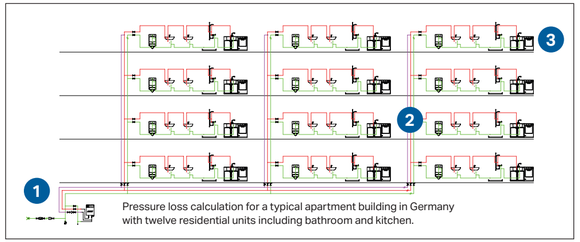
Geberit FlowFit is DVGW-certified and has received the DVGW system approval mark (DW-8801CP0060). It fulfils the requirements for drinking water installations according to BS EN 806 and DIN 1988 and has been tested in accordance with UK Reg4. As with all Geberit press fit systems, the fittings leak when unpressed.

SMALL DIMENSIONS, HUGE HYGIENE ADVANTAGES
The flow-optimized design of FlowFit leads to minimal pressure loss. The water flows with less pressure loss through the pipe system up to the point of use. Planning and installation of the pipe system with smaller diameters is possible.

A further advantage: This leads to shorter output times, a lower water volume and therefore less stagnation in the pipe. With FlowFit it is therefore possible to plan and work more economically and at the same time improve drinking water hygiene.

SYSTEM COMPARISON OF PRESSURE LOSSES

The minimal pressure losses found in Geberit FlowFit make it possible to implement systems with lower pipe dimensions. This not only saves on material costs but it also means there is a lower water volume in the pipes. In this example, the reduction to the maximum diameter of d40 even allows the entire project to be pressed with just a single tool.



Pressure loss calculation for a typical apartment building in Germany with twelve residential units including bathroom and kitchen.

Pipe type	Multilayer composite system without pressure loss optimisation	Geberit FlowFit
1 Service connection / Basement distribution	d50	**d40**
	d50	**d40**
	d40	**d32**
	d40	**d32**
	d32	**d32**
2 Riser pipe	d32	**d25**
	d32	**d20**
	d32	**d20**
3 Floor	d26	**d20**
	d20	**d20**
	d20	**d20**
	d20	**d16**
	d16	**d16**

Calculation of the diameters in the example shown above with 1bar minimum flow pressure at the last point of use.

CLEAN RIGHT FROM THE START
All Geberit FlowFit fittings including the threaded connections and pipes are fully protected against dirt and transport damage with protective caps.

CLEAN TRANSITION
FlowFit can be connected to all Geberit tap connectors with the universal Geberit MasterFix adapter. The advantage of using Geberit MasterFix T-pieces is that they significantly reduce the transfer of heat on the tap connector and enable looped installation without the need for any additional fittings.

The Geberit FlowFit product range comes complete with protective caps on the fittings and pipes as standard. →



DRINKING WATER SUPPLY

NO MORE RISKS

Geberit FlowFit can be installed effortlessly and offers benefits that prevent common mistakes from being made over the course of a day on the building site. The built-in control functions also allow pressed and leakproof connections to be tested both easily and reliably.

NO CALIBRATION OR DEBURRING

The clever design of the fitting does away with the need for calibration and deburring. But in the event that plumbers still wish to calibrate non-circular pipe sections, a tested calibration tool for FlowFit is still available.

PRESSING INDICATOR FOR SAFETY

The pressing indicator has several purposes. It marks the point of application and its colour (blue or orange) indicates which of the two pressing jaws must be used. Its distinctive geometry allows a clear tool guide rim to be established when the pressing jaw is applied, rendering failed pressing sequences virtually impossible.

SIMPLE DETECTION OF UNPRESSED FITTINGS

Following a successful pressing procedure, the pressing indicator detaches from the fitting so that it is clear to see whether all pipes are securely pressed when carrying out a subsequent connection check.

DOUBLE THE SAFETY

Defined leak paths make unpressed fittings immediately visible in the pressure test.



Pipe diameters and matching pressing jaws can be easily identified by the colour of the pressing indicators. The FlowFit pressing jaws are compatible with all Geberit tools in compatibility classes [1] and [2].

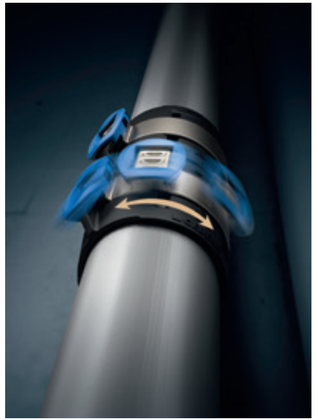


INSPECTION WINDOWS

It is clear to see at a glance whether the pipe has reached the correct insertion depth.

PRESSING INDICATORS

Is the pressing indicator still on the fitting? It is clear to see whether the pipe is reliably pressed.



ROTATABLE FITTINGS

Geberit FlowFit can be pressed in any position thanks to the rotatable fittings.



FLEXIBLE ANCHOR POINT SETTINGS

The Geberit FlowFit anchor-point fastening allows anchor points to be set with common pipe brackets. It is incredibly easy to install regardless of the position of the fittings. If required, the position can also be set or subsequently corrected once the installation is complete.

SUSTAINABILITY

NO MORE WORRIES

Sustainable product and manufacturing solutions in the sanitary sector are a matter of course for Geberit and make an important contribution to the overall Green Building concept. This also includes the avoidance of waste materials and packaging waste on the building site.

ENVIRONMENTAL PRODUCT DECLARATION (EPD)
Geberit FlowFit comes complete with an EPD (Environmental Product Declaration) in accordance with EN 15804. This serves as the basis for further declarations.

RECYCLING
A future-proof recycling system is available for Geberit FlowFit, which collects the reusable materials and feeds them back into the production process.

ALWAYS LEAD-FREE
All FlowFit threaded parts are made of lead-free gunmetal and silicon bronze and therefore meet the drinking water requirements both now and into the future. The product does not come into contact with lead during the manufacturing process either.

SUSTAINABILITY
As a member of the United Nations Global Compact, Geberit has shown its commitment to the ten principles of sustainable development.



Additional information can be found at **www.geberit.co.uk/environment**

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