

A clever “click”

“iFIT” from GF Piping Systems revolutionizes quick installation

It almost defies belief – a safe pipe joining system for drinking water that enables fitters to install pipes twice as fast as before with only half the equipment. After extensive testing in real-life settings, “iFIT”, Georg Fischer’s brand-new push-fit system, is ready for the market. The system with the audible “click” helps to save time and reduce the cost of installing and renovating piping systems.



A refreshing shower or bath makes the perfect start to the day, and naturally you expect everything to function perfectly when you turn on the tap in the morning. At the same time, though, nobody wants to spend too much money on installations that are hidden away behind the scenes.

These days a false wall system is frequently used in building construction. This means that there is a shallow cavity behind the tiles in which the water pipes are connected and branched in all directions without the need to plaster in the individual elements. This method of construction makes everything much simpler, but for this very reason there is a risk of careless mistakes – unless, that is, the system used combines speed with one hundred percent security – like the innovative iFIT installation system from GF Piping Systems.

Quick installation, foolproof “click”

Installation time is a key factor in the costs incurred by the building owner. It stands to reason that this time is reduced if installation is possible without the use of heavy equipment

and without strenuous physical contortions. Miguel Definiti, iFIT Product Manager, highlights the advantages of this push-fit system compared with methods using a press: “If the pipe joints are pressed together the fitter needs an electrically powered press weighing 5–10 kilos and costing several thousand francs which also requires maintenance. Depending on the position of the joints, using such a large tool in a confined space can also be a problem. The iFIT system on the other hand only needs a handy tool for chamfering the ends of the pipes correctly ready for installation. The pipe ends are then pushed into the connector until they’re clearly visible in the sight window. And then ...”

Miguel Definiti’s eyes light up like a philosopher as the final realization dawns: “... eureka, there’s a distinct ‘click’ and the connection’s made. There’s no such thing as a half ‘click’. I always say there’s either a ‘click’ or there isn’t!”

All-round saving of 50% on parts

Just like a tree whose branches get thinner away from the trunk, water is distributed to every part of a building through pipes of different diameter. With iFIT each connector fits two different sizes of pipe. This integrated adapter system saves at least 50% of the usual number of parts over the entire range. This reduces storage costs all along the line and wasted journeys, for example if the fitter has brought the wrong size of fitting.

It’s almost a pity then that the end customer sees nothing of this sophisticated system each morning when using the bathroom – although perhaps that look of contentment on their face in the mirror comes from remembering how much money it saved them.

The best principle

Twice as safe

"You don't jump out an aeroplane without a back-up parachute. Applying the same principle, we made iFIT twice as safe by providing all fittings with a double O-ring seal."

Jürgen Fluck, the "father" of iFIT

The hands-on approach

A system that makes every dream come true ...

Matches to the needs of market partners

iFIT, the sanitary and heating installation system, was developed and tested in close cooperation with partner installation firms prior to series production. About 60 companies tested iFIT at the various development stages.

Tested in the field

Original reactions from the field trial: "Initially we were sceptical when we saw this new adapter/module technology; but we got used to it incredibly quickly." / "Thanks to the click fit system you can hear that everything's correctly installed and you don't have to worry, for instance, about whether you've forgotten to tighten a compression joint" / "iFIT made a particularly good impression in awkward work situations" / "It's a brilliant idea to have so many possibilities with so few parts."

Attested cost-effectiveness

One owner of an installation firm had this to say: "With what it saves me on installation time in a year, I can afford a Porsche ..."

Potential for success

iFIT has got what it takes to be the push-fit-leader in Europe

Best chances of becoming No. 1

iFIT is suitable for the complete water distribution to all end users on the individual floors in buildings of any size. In detached houses and small multiple dwellings it can also be used for the rising water main; in blocks of flats, hotels, hospitals and similar buildings this is provided by adjoining systems.

... incl. established reputation

Only a company that is a known quantity in the business can introduce a new system – especially a new push-fit system. Georg Fischer has been successfully involved in domestic plumbing installation ever since people stopped fetching water from the well.

"Adding Quality to People's Lives"

Quick installations, lasting happiness

A click nearer to your own home

The less time it takes to build, the cheaper it is and the closer the dream of a home of your own – or that long planned conversion – comes to being reality. Cheaper installations in hospitals also offer a ray of hope for lower health costs, and hotels with perfect plumbing make for a more comfortable and relaxing stay.

Real psychological benefits too

Water damage hurts, even if the insurance company pays. Or to put it positively: The certainty that you'll never have to destroy your favourite tiles to get at water pipes further enhances the sense of well-being in your new bathroom.