

## ◆ State of the art basement construction

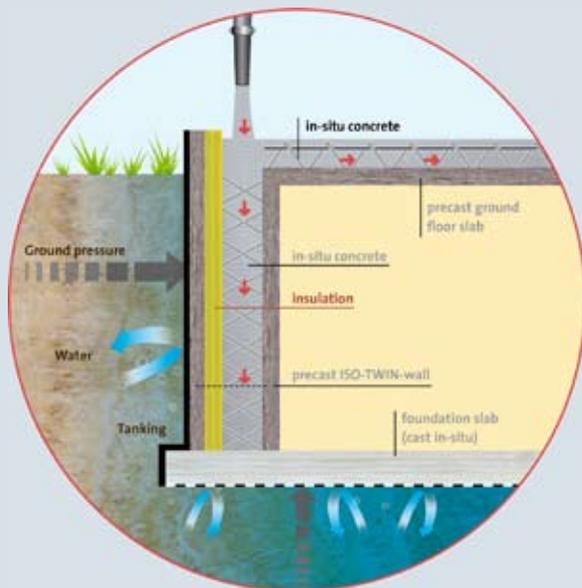
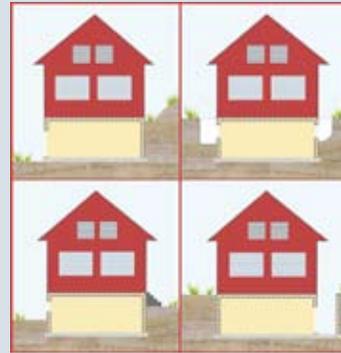
The twin-panel walls have a smooth form finish on both sides and give a high degree of planning freedom. As early as during the in-factory production, mounting parts such as windows, empty pipes for electrical installations, electrical sockets, etc. as well as insulation can be integrated and fitted without any problems. The wall elements thus prefabricated are put in place on-site on a previously produced floor slab. Together with the ceiling elements, the twin-panel walls are filled with site-mixed concrete. This gives a solid composite structure (monolithic design).



## ◆ Why a basement?

These days more people are building basements to add living space to their home as well as to make most of their increasingly expensive building site.

With a basement additional storage and living space is created - extra bedroom, gym, home cinema or swimming pool. Therefore the value of the house can increase significantly. A basement is often a cost effective solution in gaining more space on the same footprint where a building site is restricted by storey height and footprint. A basement is an ideal solution for a hillside/ sloping site. Plenty of natural light can be gained by using sunken patios and light wells achieving quality lower ground floor living with every basement. We can deal with all kinds of projects to the same high standard. Also sites with high water tables and sloping sites are routinely dealt with by our expert team all around Ireland, UK and Europe.



[www.germanbasements.com](http://www.germanbasements.com)



Photo by: Frances Forward - Haus Ltd



## GERMAN BASEMENTS

Individual and custom designed basements. With a team based in Ireland and the UK, we manage and construct basements according to the customer's individual design and layout.

### ◆ Thermo-Basement

*"A warm and bright living space"*

Gone are the days when lower ground floor living meant a dark, damp cellar with no headroom. Our Thermo-Basement concept provides a warm, bright and spacious living comfort. The isolation value of our Thermo-Basement far exceed the building regulation. Our system contains insulation within the outer basement walls up to the ground floor level. The insulation is protected within the external wall. As a result of our Water-Safe Basement tanking system no moisture penetration through the out wall can occur. The result is the perfectly dry Thermo-Basement.



### ◆ Budget-Basement

*"A cost effective basement solution"*

With our specially designed Budget-Basement concept, we can offer customers a great value solution basement. It provides additional space either within a ground bearing slab (foundation) or as a "stand alone" basement in the back garden. The basement can be used as wine cellar, storage, utility room, etc. and can be located wherever considered in the architectural drawings.



### ◆ WaterSafe-Basement

*"100% guaranteed waterproof"*

Flooding, rising water tables and poor ground conditions demand a high quality basement construction with extensive knowledge and experience in all aspects of tanking. The WaterSafe-Basement system fulfils this requirement permanently – 100% guaranteed. This is achieved using our waterproof precast concrete panels and additional tanking of the external joints and walls with our state-of-the-art waterproofing system.

