



glatthaar

fertigkeller®

Long gone are the days when lower floor living meant a dark, damp cellar with no headroom, Glatthaar Fertigkeller a German company founded in 1980 are on hand to deliver modern dry and comfortable basements. Our company has created concepts that provide their customers with warm, bright and spacious living areas.

Building a house is a long term project and probably the single biggest investment that you will ever make, and if you are planning to put a basement below your new home then the right choice of who delivers your basement is vital. Quality and competence, rather than price should be your primary consideration, poor quality products and/or installations are not easily remedied and can prove expensive and a nerve racking experience.

For over 38 years Glatthaar-Fertigkeller has specialised in all aspects of basement construction including design, calculations, off-site manufacturing, on-site building and many other additional services. Glatthaar is the only company in England that delivers a basement system and not just components for basement construction.

Each of our projects are Fixed Price Projects, we build, on average 5,000 basements across Europe each year. Our product allows Glatthaar to deliver the high quality that is expected from the market leader in basement construction.



The world has become so fast-paced therefore having a unique prefab home that you can call your own, where you can relax, take time for your family and enjoy your surroundings is an essential element for a high-quality standard of living. Baufritz strive to use the highest quality building materials in their timber framed houses, so that their clients can feel unique in the truest sense of the word.

The company's mission is to integrate care for the environment with the latest technologies. Baufritz take pleasure in the process of consulting, design and the construction of a flat pack home. Lighting, heating, water use and the overall aesthetics of the building are thus made to work together in a highly energy efficient way.

The patents for wood construction and healthy building Baufritz have in place are the result of intensive research and development. The advantages can be physically felt by their customers. The patented HOIZ insulation is the best possible demonstration of that ecological local material being fashioned into effective insulation. Good for people, and good for the environment.

Baufritz has perfected what they call "the intelligent eco-home". This is how they bridge the gap for their customers between technology that meets the highest modern standards, yet saves energy. And the best thing of all is: electro smog does not get anywhere near, despite all the technology in a Baufritz home.

With a SmartHome you obtain stellar technology: wireless light switches, individual room temperature regulation and automatic shading to name but a few of its perks. This is the new way forward in home automation. SmartHome brings you a

sensible intercommunication between the different systems of your home technology. Via a central switch board you have access to all electrical installations and can switch off all of the lighting and standby-devices at the push of a button. Saving energy and funds is at your fingertips! The Energy Neutral House was built using panelized system in Amsterdam. The exterior façade of the house was seared or burnt shou-sugi-ban, processed larch wood layered with bright orange planks. Solar collectors form a cornice on the front facade of the house. These consist of double glass tubes, which have glycol mix passing through them and a vacuum between them, minimizing heat loss.

While researching international prefabrication, I came across some of the most remarkable houses I've ever seen. Prefab is still a growing phenomenon in the United States, but it is more mainstream in other countries around the world. The numbers are much more impressive in European countries, such as in Sweden, where about 84% of houses are built using

prefabricated elements and Germany at about 20%. In Japan more than 15% of houses are built in factories.

There are several reasons for the discrepancy. Construction in a factory, in a protected environment and with sophisticated equipment, helps to create a more energy efficient house. Since heating and cooling is more expensive in many countries around the world, building efficiently is a priority. Many homeowners are building their homes to Passive House standard (first originating in Germany) as a means of being ensured they will be getting a very efficient and comfortable house. This standard focuses on the efficiency of the building envelope and interior health of the structure. With this reduction in energy consumption, the environment is also the beneficiary.

In addition to the concern for energy efficiency, there is also a priority put on the duration of construction, the quality and cost – all an advantage with prefab construction.

