

FREQUENTLY ASKED QUESTIONS

What are TABIHAUS® panels made of?

They have two parts.

A strong and resistant board composed of a reinforced 'cement'. This 'cement' is composed of a salt, called Epsom salt, which gives it far superior advantages over traditional materials.

The other part is a 100% recycled high hardness XPS, not the usual construction material.

The salt board can be placed on one or both sides, depending on the use for which the panel is needed.

What size are the panels?

We have two sizes, 3,000 mm x 1,200 mm, and 2,600 mm x 1,200 mm. They can be placed vertically or horizontally, as they maintain their properties regardless of their position.

Can they be made bigger?

No, it is not possible. Moreover, their maximum size is also calculated according to the maximum weight that workers can carry on the basis of occupational risk legislation.

And smaller?

Of course, they cut perfectly, with a clean cut. We recommend a circular saw, although a jigsaw, radial saw, drill with drill bit, crown cutter, etc. can be used. We recommend a Widia disc. The wood disc is also valid, although it blunts at a higher speed, due to the ceramic nature of the material.

How many types of panels do you supply?

We have single-sided panels, double-sided panels and our PF tongue and groove panel. In addition, any of them can come with the TABIHAUS® Magnetic option.

Is it true that you make the thickness to measure?

Yes, millimetre by millimetre made to measure.

Epsom salt board has a thickness of 8 mm, and we increase the thickness of the XPS insulation by the millimetre, from 14 mm to whatever is required.

In the thermal envelope, the thickness will be determined by the transmittance that the project management has ordered in the project.

In slabs, it will be determined by the bending stress required depending on the intended use and the distances between support profiles.

The exception in thickness is our tongue and groove panel, PF, which has a fixed thickness of 66 mm.

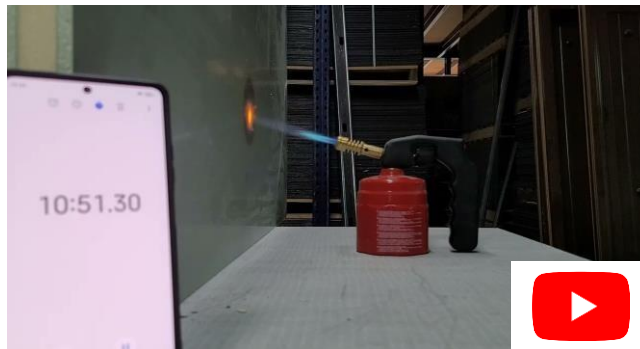
Are they so light?

Until you hold them in your hand you can't explain it. But the key is not the weight, but the lightness/strength ratio. We don't recommend to punch the panel...

And so fire resistant with a panel of only 8 mm?

Do you want to lose 3 hours and 26 minutes of your life? Then watch the following video. With a blowtorch, with a blue flame of 1430 °C, in a single point, without any combustion. But it is not only non-combustible, but with no smoke generation and no incandescent particles.

Why does it 'only' last 3 hours and 26 minutes? Because the gas in the bottle has run out!!!



<https://www.youtube.com/watch?v=T9bc-l23ovw>

How much do the panels cost?

Due to the two formats, the three types of panels, the Magnetic option and the made-to-measure thickness, we do not have price tables.

Contact us and you will get your quotation within 24 hours.

When is the panel used with a single-sided board and when with a double-sided board?

It depends on the surface where the TABIHAUS® panel is to be installed.

-If it is to be installed on a continuous surface, single-sided panel.

-If it is to be installed on a profile, double-sided panel (the exception here is the sloping roof).

As a general summary we can say:

Single-sided panel: Façades, floors, and pitched roofs.

Double-sided panel: Floors and flat roofs.

How are the panels installed?

By frontal screwing and chemical gluing with a silicone gun.

I.e. chemical bonding and mechanical fixing. A simple and efficient installation.

Do you supply accessories?

Of course, we supply everything needed to install our panels. The panel itself, the hardware and the polymer.

Do you have certificates?

Of course, your Project Management will have access to all documentation, certificates, and laboratory tests carried out in laboratories approved by the ministry.

What documentation is available in the private area?

You have your own programme for the study of your projects. In addition, you will find the approved certificates certificates, BIM implementation, dwg plans and project preparation aids.

Please understand that this is an area reserved for architectural and engineering firms.

Do you manufacture houses?

No, we are a manufacturer of a construction system. We work with architectural studios and construction companies.

I want to build my own house with your system, what should I do?

Contact us and we will advise you but remember that you will need an architectural firm and a construction company to carry out the work. If you wish, we can recommend professionals in your area who have experience with our system.

On which structure are TABIHAUS® panels installed?

TABIHAUS® is a construction system that can be adapted to any type of building. Concrete, steel structure, Steel Frame, wooden structure, etc. See our section on completed projects.

Is it a system only valid for prefabricated houses?

No. TABIHAUS® is a system valid for any type of building, whether it is prefabricated in an industrial building or installed on site. We have completed projects in both systems.

I have an architecture office and I am interested. How can we work?

Send us your project in IFC or CAD.

Our architecture and engineering department will present you with a personalised study, analysing the most efficient way to install TABIHAUS®, meeting the requirements.

I am a developer, and I am interested. How can we work?

With the project sent to your architectural studio, we will tell you exactly the material you are going to need, down to the last screw. TABIHAUS® is the end of budget deviations.

If you do not have an architectural firm, we can recommend firms with experience in the TABIHAUS® system.

Do you have installers?

Not in the company's staff, but more and more construction companies are approved for the correct installation of the TABIHAUS® System.

Contact us and we will offer you approved installers in your area.

I am a builder, and I am interested. How can we work?

We will give you free training, in our factory or in your facilities. And you will form part of our network of approved installers.

Is it easy to install TABIHAUS®?

Of course, it is one of the bases of the system. But be careful, sometimes it is too easy to make mistakes. There are 4 key points in the system that must be checked and executed correctly.

Is it transported well?

It is an ideal material for transport. Firstly because of its flatness, and secondly because of its weight. We completely fill a lorry with up to 3200 m², without reaching the maximum authorised load.



Do you have a minimum order?

No, we supply from a single panel. Logically, there is a shipping cost, which we will inform you about in the quotation.

What kind of finish can I do on the façade?

Any, whether it is paint, mortar, ceramic or stone cladding, or ventilated façade.

TABIHAUS® is the primary wall of the building, on which any type of finish can be installed, including a garden façade.



Up to what height?

It is a material with Euroclass A1, s1, d0, so height is not a problem for TABIHAUS®.

What kind of floor finish can I do?

Any floor, whether it is vinyl, parquet, ceramic, marble, etc. It has a very high adhesion to mortars and glues.

What about roofs?

Whatever you want, flat or pitched, walkable or not. You can screw on aerials, solar panels, profiles for the installation of roof tiles, etc.

Is waterproofing required on roofs?

Yes, any technique can be used. It can be bituminous -it can withstand a blowtorch-, EPDM strip, Epoxy paint, waterproof membrane, etc.

Is it possible to build industrial buildings?

Of course! TABIHAUS® will not only provide fire resistance, but also acoustic and thermal insulation, so lacking in this type of building. With TABIHAUS®, you will save on the energy consumption of your industrial building.

In addition, it allows the installation of pneumatic, hydraulic or electrical systems that the property needs to carry out its activity.

And hospitals?

Another of the great advantages of TABIHAUS® is that they are formed by a salt, and therefore have no proliferation of bacterial life. It is impossible for life to survive on salt.

It is also an ideal material against insect attacks, such as mites or termites, and against rodents.

CONTACT US, WE WILL BE PLEASED TO HELP YOU!