

Taver[®]

Since 1965



Insulating panels specialists

Quality as response

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Taver Group has a solution for each
specific construction need

Taver Group

Since 1965, offering construction solutions with differentiated and quality products fulfilling the needs of the market.

A professional career of more than 50 years strenghtens our position in the market.

From our very first days we have provided our customers with a great range of products attending the needs of the market, always with our core values: quality, efficiency, innovation, proffessionalism, energy saving and complete service.

Taver Total Quality (TTQ): R+D+i and Continuous Improvement are among the most fundamental pillars in Taver Group, giving us a daily improvement in our range of products, responding the market requirements and also being able to create a strong added value in each of them.

Supporting the customer is a priority for Taver during the whole process. To that extent, we have a strong human team working for our customers, who will share their expertise and know-how in order to accomplish any construction project.

Our aim: **BUILDING TRUST**

In **Taver** we adapt ourselves to the needs of the customer. The polivalence of both our range of products and our human team are dedicated to our customers. Because each customer and each project is unique.



Taver Group

What we do

We are **specialists in the construction and assembly of quality insulated panels**. We have strived to evolve continuously in order to respond the needs and requirements of the market. For that reason we have been continuously investing in the company since **1965**, with the clear aim of being leading the market, as well as reaching the state of the art in each of the group's factories.



1965



2019

Nowadays we have two high capacity production units with the most advanced technology in order to satisfy the needs of the market, offering unique, differentiated and quality products, with the highest capabilities in both continuous and discontinuous panels.

In Taver Group we use the best raw materials to obtain the best results, which give us the best warranties and the compliance of the most demanding regulations of the market.

Offering quality products and services means getting new customers.

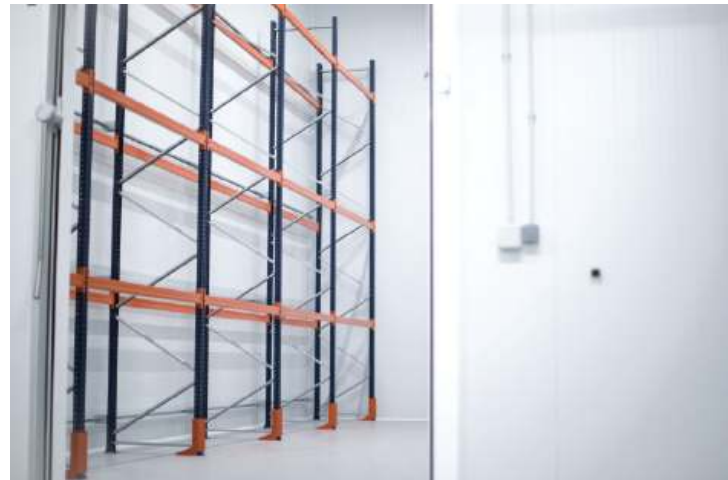


Taver Group

Instaclack® Discontinuous Panel

Insulated **customised** panel made in closed mould

The Taver Instaclack modular panel system consists of a self-centering mechanism, providing a perfect tightness minimizing thermal leaks. It does not require any additional sealing during its assembly. Its high tightness helps to bring a significant energy saving providing environmental sustainability. Custom made and with no cuts.



TaverKont® Continuous Panel



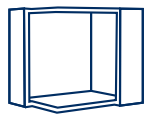
The frigorific panel of industrial panels

Taverkont, our frigorific industrial panel, is the outcome of both our origins and specialisation, to be used in high quality facilities. The joint design is oriented towards a better energy saving and ease of assembly. It meets the most strict legislation and it has the FM Approval seal in its highest certification in all its range.



Modular Panel Instaclack®

- Exclusive mechanical panel joining system resulting from continuous R&D work.
- Internationally patented
- Quick and efficient assembly.
- Provides maximum airtightness for joints.



Removable, Reusable and Expandable:

Can be assembled and disassembled as many times as necessary without affecting the panel's qualities. If needed, the system allows you to expand the dimensions simply by adding the necessary panels. It is not an expense, it is an investment.



Bespoke with no visible cuts:

Instaclack® panels are tailored to the customer's needs: We offer a customised solution for each project as per the required measurements. Panels up to 13 metres long can be manufactured in one piece.



Easy Assembly:

Taver Instaclack® panels allow you to assemble a cold room in just five minutes without specialised labour through an error-proof system. Panel installation does not require sealing joints or additional silicones.



Exclusive patented panel joint system:

This system allows greater airtightness in the joint section, ensuring that the set of panels are robust, and thus improving refrigeration. Modular Instaclack® panels allow placing the mechanical joint system in the four corners.



Closed mould panel with profiled edges:

This protects the panel against oxidation and premature deterioration thanks to the sheets "embedded" in the insulating core that prevent contact with air. No panel cutting nor using additional profiling or angles is necessary.



Totally hygienic and maintenance-free:

No sealing or silicone needed, as the system incorporates a weather strip, which allows a perfect finish that ensures hygiene. Thanks to this panel joint system, no maintenance is required after installation. Food Hygiene Certification.



Panels with high-performance insulation:

70 mm, 100 mm and 155 mm thick injected polyurethane sandwich panels. With a density of 42 ± 2 Kg/m³, thickness of 0.5 mm on the inside and outside, and a thermal conductivity of 0.023 W/mk.



Delivery within 24h. Taver is your warehouse:

Instaclack® is a modular system that allows you to assemble a cold room down to the centimetre with a warehouse stock that ensures delivery in record time.



Greater energy savings and sustainability:

We are able to minimise thermal losses, which means greater energy efficiency, resulting in up to 40% savings on the electricity bill. We protect the environment by reducing CO₂ emissions to the atmosphere.



Accessories and Gear:

Instaclack® modular panel system is complemented by a wide range of accessories: doors, sight glasses, windows, ramps, guards, shelves... Personalise your modular chamber with the accessories you need; Taver® offers all the solutions.

Modular Cold Rooms with Instaclack® patented system

Superplus: 1200 available versions



- Sandwich panel with 70mm or 100mm insulation
- 800 mm x 1850 mm pivoting door with free passage. Exclusive design with lock and interior unlocking system
- Available with or without floor. Floor (reinforced or lacquered) has always 100mm thickness.
- Finished in galvanised steel sheet white lacquered Z200.
- Delivery time 24 hours.
- PVC sanitary profile as an option.
- In freezing rooms, pressure balancing valve and resistant door frame.

Ecosuper Chamber: 25 available configurations



- 155mm insulation sandwich panels
- 30% less carbon footprint and higher energy saving.
- 800 mm x 1850 mm pivoting door with free passage. Exclusive design with lock and interior unlocking system
- 100mm thickness reinforced non-slip floor included.
- Finished in galvanised steel sheet white lacquered Z200.
- In freezing rooms, pressure balancing valve and resistant door frame.

Corner Chamber: 6 available configurations



- 100mm insulation sandwich panels.
- Finished in galvanised steel sheet white lacquered Z200.
- 100mm thickness reinforced non-slip floor.
- 800 mm x 1850 mm or 590 x 1850 mm pivoting door with free passage. Exclusive design with lock and interior unlocking system.
- Ideal for tight corners.

The modular panel using Instaclack system allows customizing of the product according to the needs of each project thanks to a wide range of accessories:



Pivoting doors



Sliding doors



Swinging doors



Ramps



Service doors



Windows



Small Windows



Displays



Glass Windows



High-speed doors



Slat Curtains



Floors



Shelves



Protections



Emergency items

In any of the sectors:

- Horeca channel
- Pharmaceutical industry
- Distribution
- Hospital sector
- Laboratories and test rooms
- Recycling cabins

The Instaclack modular panel has a wide range of finishings allowing it to be customized according to the needs of each project:

- Lacquered white Pyrenees 1006
- Stainless steel
- PVC
- Granite HDX®
- Silver metallic (9006)
- PET
- Phenolic (HPL)
- Flat or embossed polyester
- Cement bonded light - concrete
- Gypsum Board
- DM
- Viroc® and others



Solutions for the food processing and agricultural production industries

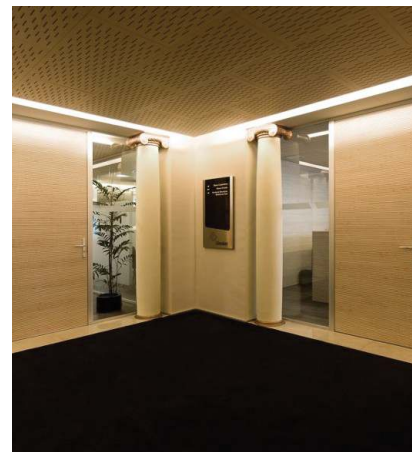
As specialists in insulation panels, Taver offers an specific solution for each of the building needs in both the food-processing and agricultural industries, providing technology and polyvalence of our product to make our customers's projects become real.

Which needs can we cover?

Commercial cooling

Industrial cooling

Building applications



How?

Oriented toward the needs of the customers and depending on the requirements of each project, Taver has three different types of building insulation panels:

Instaclack

Taver Kont

Tabiclack

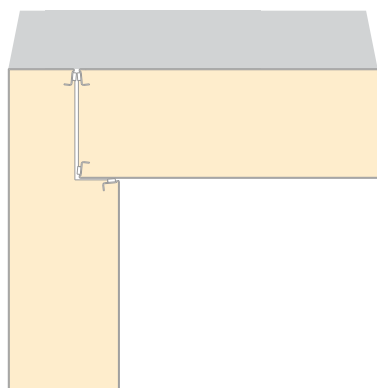


Solutions for the food processing and agricultural production industries

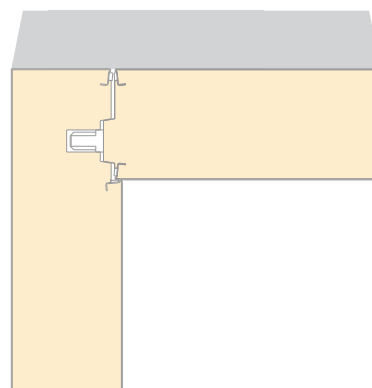
INSTACLACK® : Cooling panel with mechanical union system

Taver InstaClack® allows, as an option, having a different surface in each of the panel's sides, even different surfaces in the same side. These polyvalency and versatility are unique in the market.

- ✓ Mechanical union system assuring the highest air tightness
- ✓ Assembly with no need of joint sealing
- ✓ System minimizing the termical loses, providing more energetical efficiency
- ✓ Specially designed panel for the most demanding cooling and sanitary applications
- ✓ All panel assemblies can be done through InstaClack mechanical union. In vertical-roof panel's union can we use both InstaClack mechanical system, as well as a fitting system, in which the roof panel rest on top of the vertical panel.
- ✓ It can be installed as a hidden roof's suspension system allowing a passable roof free of fixation elements on its exterior side.



1st Option:
Vertical-roof panel union system
Type IV system



2nd Option:
Vertical-roof panel union system
InstaClack system



Solutions for the food processing and agricultural production industries

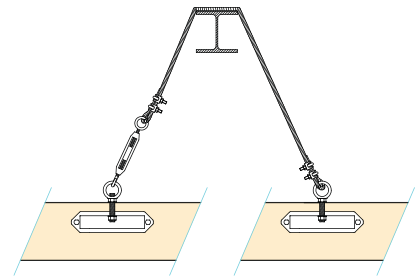
- ✓ Available thicknesses:

Panel thickness in mm										
40*	50*	60*	70	80	100	120	155	180	200	240

*Mechanical union system not available

- ✓ Insulating core with best fire certification (B-s1,d0)
- ✓ Roof suspension with hidden anchorages, being a complement to the mechanical union system. This differs from others by:

- Passable roof free of fixation elements in its interior part
- No thermal bridge
- Better panel performance. InstaClack mechanical fixation, together with its suspension system, optimises the lifetime of the sandwich panel



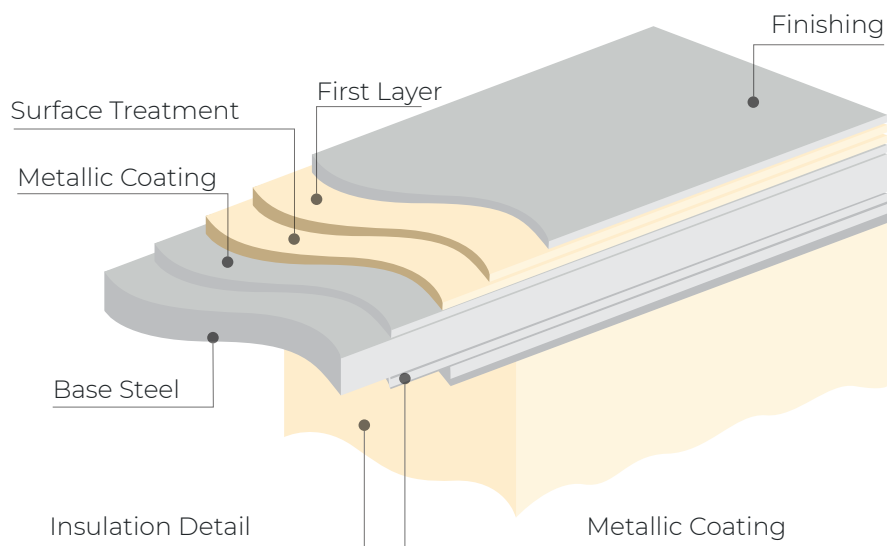
Although we recommend the panel to be installed following this exclusive construction solution, InstaClack panel can also be installed with standard suspension system, such as omegas and profiling, if the prescriber considers this as a better option.

- ✓ Profiled panel in its four edges, custom-made and with no cuts, avoiding any oxidation point.
- ✓ Density of the insulating core: $42 \pm 2 \text{ Kg/m}^3$
- ✓ Standard width of 1140mm (3 modular widths available: 380mm, 760mm and 1140mm; for 40mm thickness, modular widths of 380mm, 760mm and 930mm). Any kind of width is optional up to 1140mm.
- ✓ Maximum length of 12940mm
- ✓ Base material: galvanised steel according to EN10142 – EN10147 standard, with Z140 or Z200 surface treatment for a better protection and resistance to oxidation. Food Hygiene certificate.
- ✓ Standard sheet thickness: 0.5mm (0.4, 0.6 and 0.8mm as an option).



Solutions for the food processing and agricultural production industries

- ✓ There is a high number of available finishings which adapt to the needs of each project: lacquered, PVC, Granide HDX, Polyester, Stainless Steel (AISI 304, AISI 316L) and many others.

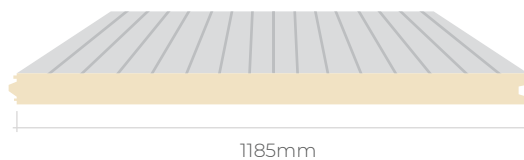


- ✓ Floor:
 - Reinforced floor: anti-slipping with high resistance to compression. Taber Abraser test with a 1100 coefficient.
 - Stainless anti-slipping floor, 0.8mm thickness. R13 ground adhesion and anti-slipping category.
 - Reinforced stainless anti-slipping floor: designed for the usage of hand pallet trucks. Steel anti-slipping plate + reinforced MDF water repellent board.
 - Civil work with PIR or polystyrene plates with high capacity against compression sealing plates
- ✓ B-s1,d0 certificate: self-extinguishing, with low contribution to smoke, without burning droplets



Solutions for the food processing and agricultural production industries

TAVERKONT F-PIR® : The cooling panel of industrial panels



- ✓ Continuous panel with seal specially designed for cooling applications
- ✓ Excellent insulating and structural performance
- ✓ Standard plate coating: lacquered polyester Z140 (Z200 optional) and 25 μ with Food Hygiene Certificate
- ✓ Multiple finishings which adapt to the needs of the project: lacquered, polyester, PVC, Granite HDX, PET, HPS, PVDF... and many others
- ✓ Guaranteed insulation PIR core density of 40kg/m³ or 38kg/m³
- ✓ Standard's plate thickness 0.5mm (0.4mm and 0.6mm as an option)
- ✓ Available width: 1100mm and 1185mm
- ✓ Panel's length: from 2000mm
- ✓ Available thickness:

Thickness of the panel in mm

40	60	80	100	120	150	180	200
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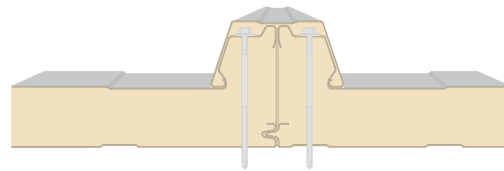
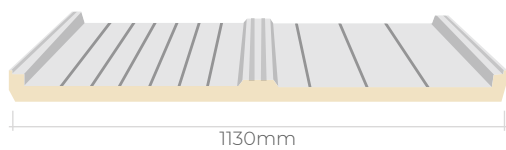
- ✓ The frigorific panel is rectified using a milling at the end of the production line in order to guarantee low assembly tolerances for an optimal insulation.



Solutions for the food processing and agricultural production industries

- ✓ Rubber and foam free special design of the joint, allowing a continuous insulation. Its tongue and groove systems provides a perfect finish both at a thermal and aesthetic level. 
- ✓ Totally automatised production, guaranteeing a quick delivery with the best conditions.
- ✓ CE Marking and Certificates: B-s1,d0, also having the FM APPROVAL Certification (4880-4881-4482-4471): the best reaction against fire. EI-60 Certificate for 200mm thickness.
- ✓ Wide range of colours: BP1006, B9010, Brick Red, Stainless Steel, Green, Cream, Silver Metallic, R9003.

Roof panel TAVERCUB F-PIR®



- ✓ May be used for the panelling and roofing of industrial warehouses and buildings of all types.
- ✓ This panel is supplied with an easy-installation joint-covering profile that guarantees total sealing while hiding joints.
- ✓ Useful width: 1130 mm
- ✓ Length of the panel from 2000mm onwards
- ✓ Available thickness

Thickness of the panel in mm		
30	40	80
- ✓ PIR insulating core of guaranteed density 40 Kg/m³ or 38 Kg/m³
- ✓ Pattern height: 43mm
- ✓ Metal plate thickness: 0,5mm (other thicknesses available on request)



Solutions for the food processing and agricultural production industries

- ✓ Certificates: B-s1,d0, FM APPROVED in its highest certification (against hurricanes), performance against fire B Roof (t1) and CE marking.
- ✓ Wide range of colours: B9010, Brick Red, Green, Cream, Silver Metallic, R9003. Other colours upon request.

Facade panel TAVERFAC F-PIR®



- ✓ Taverkont facade panel is an ideal solution for closing of facades, industrial buildings and all kinds of constructions.
- ✓ Lengthwise assembly by a joint union system, hiding the fastening screws thanks to its design.
- ✓ Useful width: 1095mm
- ✓ Length of the panel: from 2000mm onwards
- ✓ PIR insulating core with a guaranteed density of 40kg/m³ or 38kg/m³
- ✓ Metal sheet thickness 0.5mm (other thicknesses available on request)
- ✓ Available panel thickness

Panel thickness in mm

40	60	100
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- ✓ Finishings: plain, ribbed and micro-ribbed
- ✓ Certificates: B-s1,d0, FM APPROVED in its highest certification (against hurricanes), performance against fire B Roof (t1) and CE marking.
- ✓ Wide range of colours: B9010, Brick Red, Green, Cream, Silver Metallic, R9003. Other colours: upon request.



TabiCLACK

Tabiclack is a revolutionary, versatile and multipurpose construction system.

Tabiclack® is a revolutionary, versatile and multipurpose construction system.

Includes Taver know-how as specialist in insulating panel in the construction industry, providing a high performance modular panel as a substitute for the construction of traditional partition walls and dropped ceiling, with the clear goal of minimising the building time and making the building process easier thanks to its functional design.

This sandwich panel is specially made for architectural solutions and can incorporate the mechanical union system InstaClack in order to improve the assembly, making it easier and faster.

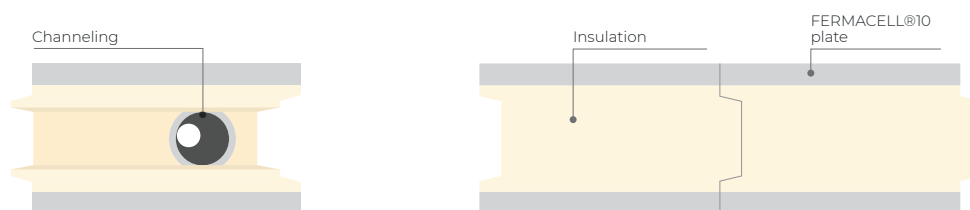
The whole system is preassembled and ready to be assembled on site. Thanks to its exclusive joint union design between panels, each module can be easily assembled with the following module, reaching a perfect continuum and planimetry in the whole surface.

Its infinite finishing customisation (DM, Viroc, asbestos cement, OSB... and many others) let Tabiclack to be used in any building shaping your dreams.



TABICLACK® advantages

- ✓ Versatility, countless customising finishings
- ✓ Multipurpose
- ✓ It does not require neither fasteners nor metallic structure for its placement
- ✓ Bigger resistance to impacts
- ✓ Precise preassembly
- ✓ Maximum planimetry
- ✓ Fully equipped with an internal conduction crossing system



- ✓ Promptness of assembly and installation
- ✓ Thermal insulation continuity assured
- ✓ Sustainability and energy saving thanks to its insulating performance
- ✓ Higher insulating capacity compared to dry partition walls traditional constructive systems
- ✓ Hidden ceiling suspension system without visible elements
- ✓ Compliance of CTE (Spanish Technical Edification Code) technical requirements.
- ✓ B-s1,d0 Certificate



Why Taver?



Quality: from its conception until delivery, all our products conduct the most strict quality controls following our TTQ Quality policy: Taver Total Quality



Trust: we are more than 100 professionals consulting and helping you make any project reality. More than 55 years in the market supports our experience.



Energy saving: all Taver products are developed with the clear aim of creating energy saving thanks to its high insulating and air tightness performance. Taver insulating panels are a real investment.



Technical advising: our experience and professional career are the best evidence guaranteeing quality technical advising in every kind of project.



Technology and innovation: continuous improvement designing products and widening our range of products in order to respond the needs of the market. We clearly focus on a continuous investment in R+D+i with the clear goal of being pioneers and having the most advanced technology in the market.



Sustainability and environment are a priority for Taver: Taver develops a sustainable management policy. All our productive processes and the design of new products are currently developed actively contributing in the reduction of environment impact, promoting sustainability. We are ISO 14001 certified, guaranteeing an effective environmental management system in our company.



Complete service: we work together with the customer from the very beginning until the final execution of the project, providing our know-how and expertise during the whole process.

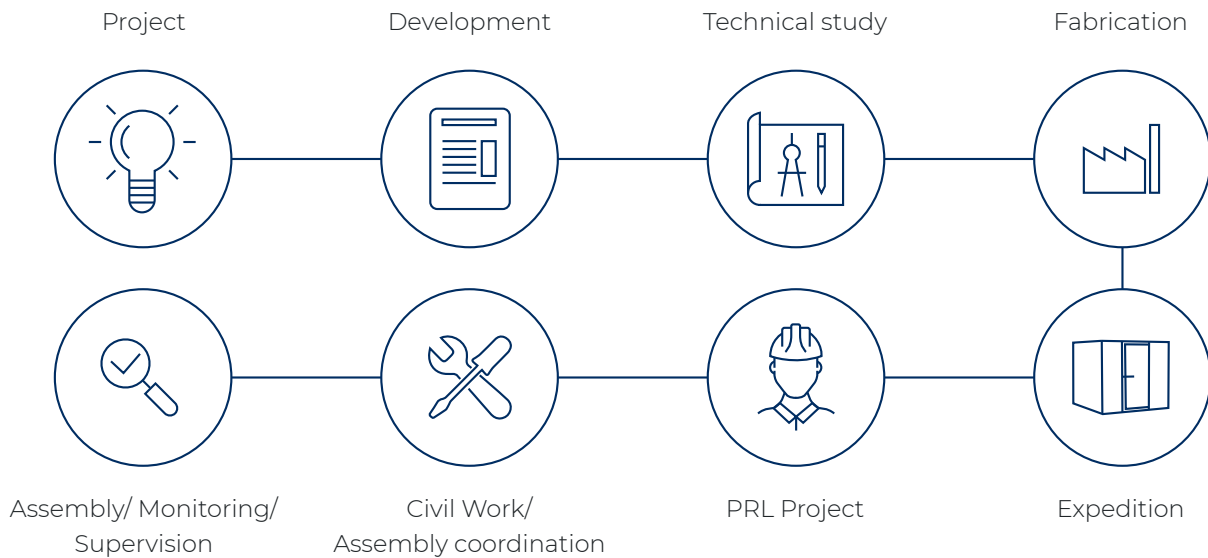


Our team

The Taver Human Team is composed of more than 100 people with a common objective: **guarantee the best service to our customers.**



Professionalism, responsibility, communication, coordination, trust and commitment define our team, which can also offer a **360° project management** if required.



50.000m2 Industrial facilities at our customer's disposal



Certifications

Company's certifications: Cualitas Industrial and InstaClack International



ISO 9001

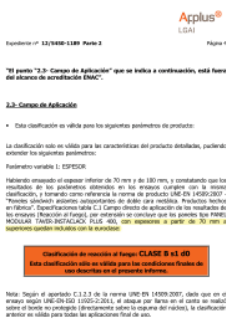


ISO 9001



ISO 14001

Instaclack®



EURO CLASE B-s1,d0

Taverkont®



EURO CLASE B-s1,d0

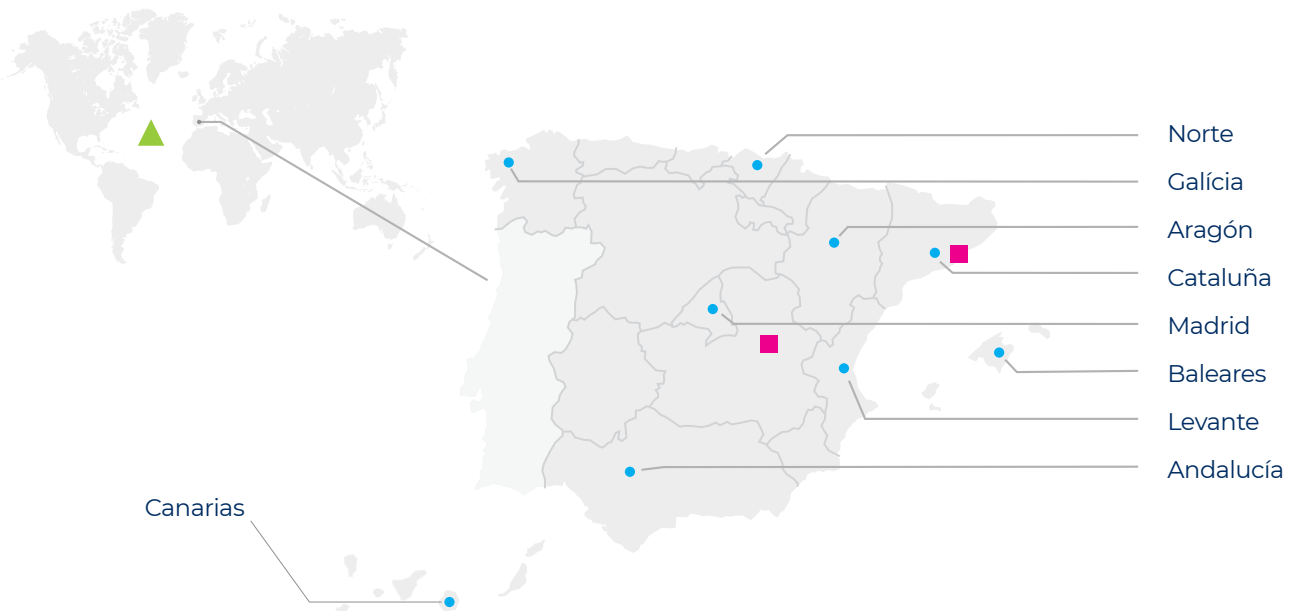


FM APPROVED®



Contact us

High quality insulating panels since 1965



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Some of our projects





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