



At **THERMOROCK** our goal is to change the constructive culture, being one of the first sustainable technology companies in the cluster of construction.

“Join THERMOROCK and change the world”

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What's

THERMOROCK?

It's a new concept of structural and thermal construction mezzanines usable as floors, walls and roofs. For both residential and commercial use.

One of the leading qualities is the ease of assembly and it's cleanability, contributing to the efficiency and speed of the installation, thus the acronym **ERM (Ensamble Rápido Manual/ Fast Manual Assembly)**.

Thermorock fulfills its commitment to the environment, its structural coating is manufactured from recycled materials reclaimed from the industry by 95% and the remaining 5% are new materials.



About us at ***THERMOROCK***

Being a company focused on the production of an alternative building system with ecological awareness, promoting sustainability, offering high quality materials with cutting edge technology, with competitive prices, innovating for the welfare of our clients.

Mission



About us at ***THERMOROCK***

Growing up in the region as an entrepreneurial company and as the leading manufacturer of an innovative and practical system of sustainable modular building, which is friendly to the environment.

Vision



About us at *THERMOROCK*

Objectives

Being a profitable company, generating direct and indirect employment, generating a culture of efficient functional building practices and sustainable energy, providing a better quality of life for people, gaining acceptance from the relevant authorities for the implementation of alternative systems for social assistance projects and more, in our country.



THERMOROCK's *Structural System*

THERMOROCK®'s structural system is a concept of lightweight material, which conforms to the needs of sustainable construction required today.

Our panel consists of two concrete slabs manufactured with the most advanced technology, based on *Portland* cement, natural fibers and selected after being subjected to autoclaving processes acquire their properties additives. Plus a sheet of high density expanded polystyrene.

This combination allows for such a versatile product that can be worked easily and at the same time offering the virtues of cement. While having thermal and acoustic insulation and being energy efficient.

Making our system the best option for smart housing.



THERMOROCK's *Structural System*

High Density Expanded Polystyrene pre-grooved to standard measures for various utilities

Special water-based adhesive



Concrete Slab

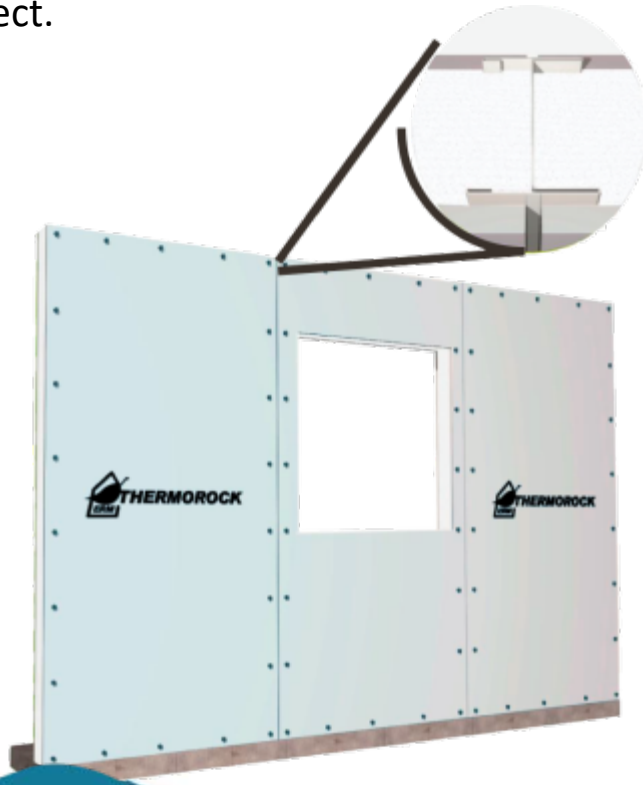
THERMIC PANEL

(Thickness according to the project: 2 ½", 3 5/8", 6")

H Connector

H Connector

Cold galvanized sheet folded, measures 2 1/2", 3 5/8" and 6", as required by the project.



Our structural system is what makes us strong. By building modules you guarantee resistance.

Depending of the connector's thickness (15 cm / 20 cm / 25 cm), our structural system is capable of supporting from 450 kg/m² up to 850 kg/m², depending on the project's needs.

You must apply:

- 1"1/4 Thumbnail screws self-tapping tip drill every 8" around the perimeter of the panel.
- 7/16" screws at metal tracks

THERMOROCK's

Perks, features and benefits



QUAKE
Resistant



QUICK
Assembly



DRY
Construction



POST-RECYCLED
Materials



FIRE
Proof



LIGHT
WEIGHT
Materials



SOUND
Isolating



100%
Thermal
Resistant

THERMOROCK's

Perks, features and benefits



**QUAKE
Resistant**

Because of its modular structure, and the high weight load capacity of H Connectors, we guarantee that your structure will resist seismic movements up to 8.5 in the Richter scale



THERMOROCK's

Perks, features and benefits



**QUICK
Assembly**

Thanks to its modular construction system you can build up to 3x times faster than building with conventional materials. Helping you save time, money and effort



THERMOROCK's

Perks, features and benefits



DRY
Construction

By building waterless you avoid utilizing another valuable resource in your project, in that way you help reduce the impact on the environment of zones where water is scarce



THERMOROCK's

Perks, features and benefits



**POST-RECYCLED
Materials**

Our panels are composed by 95% recycled materials recovered from the industry, reducing the impact on the environment for life



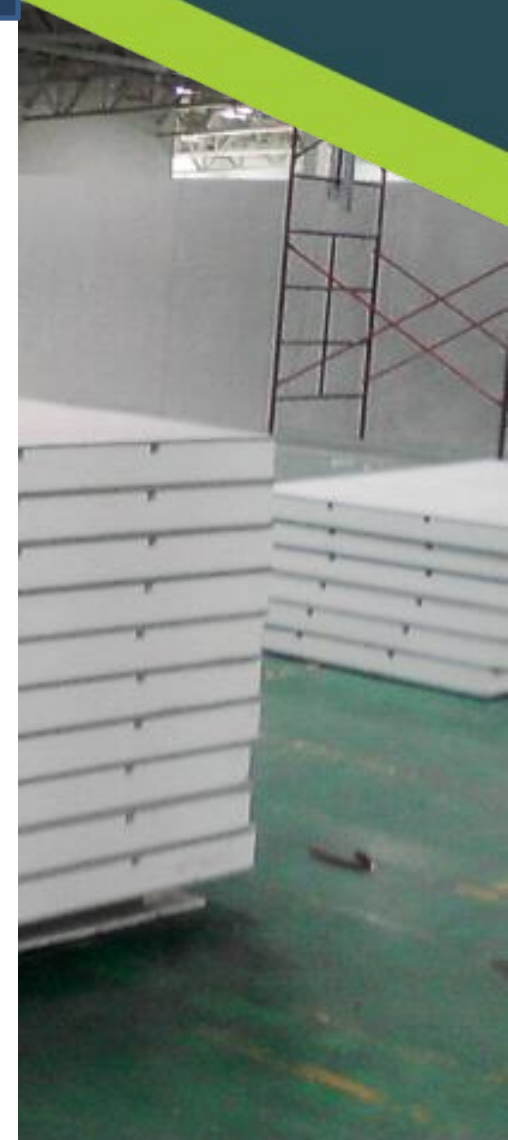
THERMOROCK's

Perks, features and benefits



**FIRE
Proof**

Our structural panels are made from fibercement which is practically immune to fire, resisting high temperatures up to 500°C



THERMOROCK's

Perks, features and benefits



**LIGHT
WEIGHT**
Materials

All of the concrete's constructions resistance for a 1/10th of its weight



THERMOROCK's

Perks, features and benefits



**SOUND
Isolating**

Reduces noise pollution by 90%, our panel's isolative properties allows you to be on a more comfortable space



THERMOROCK's

Perks, features and benefits



100%
Thermal
Resistant

Our structures are made to be highly sealed, therefore they have highly thermal isolative properties, which allows you to keep a nice temperature in your construction all year long



Integral and *Modular Construction System*

An ecological house that is elaborated with **THERMOROCK** panels is constructed by previously modulating the architectural layout and dividing the respective panels into a modular sequence.

Giving you the opportunity for customization or integration of additional modules, add spaces as necessary, with the most-resistant light-weight construction system in the market, while saving the environment.

Lower your building's carbon footprint for life, save time and money, while you protect what's most important.



Building the future

Together with THERMOROCK

All of the components of **THERMOROCK's** construction system are easily assembled into structures for traditional housing projects, commercial and industrial developments, provides a smooth surface for interior and exterior finishes, saving time in the process of building and optimizing delivery times.

It also offers thermal comfort due to polystyrene core being handled to the needs of the project density, fiber cement sheets are made with 95% recycled fibers mixed with Portland cement rendering it resistant to impact, gravity loads, resistance to weather and direct fire.

Add value to your construction, and the highest seismic safety factor, while saving money to your customers for life, thanks to its low rate of energy consumption.

Help us in our mission to and preserve and aid people and the environment by building smart.



THERMOROCK's Goals

The best option for reconstruction

Here at **THERMOROCK** we care for the safe development of sustainable and decent living, by building quick and easy and with our system's highly-resistant and insulating properties, while greatly reducing waste emission and energy consumption for a lifetime.

Protect your investment by building smart. We want to aid in the reconstruction of the housing of those affected by climate change.

For that reason our team has developed a series of housing templates to use as a base while working with **THERMOROCK's** materials. Just follow our easy 20-step guide and start building the future while saving time and money with **THERMOROCK**.

Our system includes several high-quality materials for all of your construction needs. If you wish to know more about our products visit our website: **www.thermorock.mx**



THERMOROCK+PLUS

+Resistance to Nature's worst

Our most recent product, a hard impact-resistant wall, that will be used in our SIP (Structural Insulated Panel) for our practical and safe building system.

With THERMOROCK +PLUS you'll greatly reduce your carbon footprint, with all of the benefits of building with our system.

Thanks to the protective coating that covers all of the interior and exterior walls, a self nailing process, and a reinforced fiber mesh, your family and your home will be protected from any type of rubble and projectiles that are bound to impact in any climate event, such as tornados or hurricanes.

Build stronger foundations for a better tomorrow with our advanced nature-resistant SIP system.



THERMOROCK+PLUS

+Resistance to Nature's worst

- **WILD FIRE-PROOF**

Our system's external layers are made with 100% fire-proof materials, thanks to its integrated insulation it can resist very high temperatures while keeping your home cool

- **WATER AND HUMIDITY RESISTANT**

Our system is made to be a highly sealed environment, you won't have to worry about leaks nor humidity filtering through your walls, say no to dangerous toxic mold

- **IMPACT AND SEISMIC RESISTANT**

Due to our system's reinforced modular construction, each and every part of your home is efficiently connected, its weight is evenly distributed

- **IMPROVED WIND RESISTANCE**

THERMOROCK +PLUS is fixed to the ground with an special underground mesh that will stand ground even on the harshest weathers, be ready to protect your family anytime

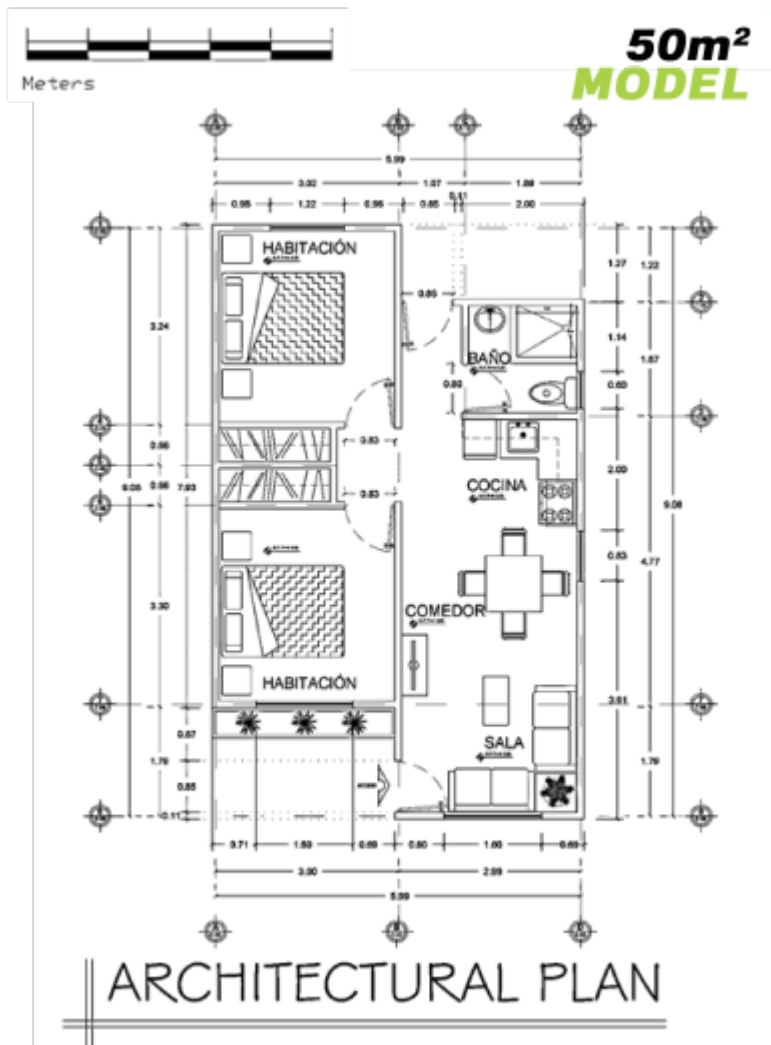


50m2 / 538 ft2
MODEL

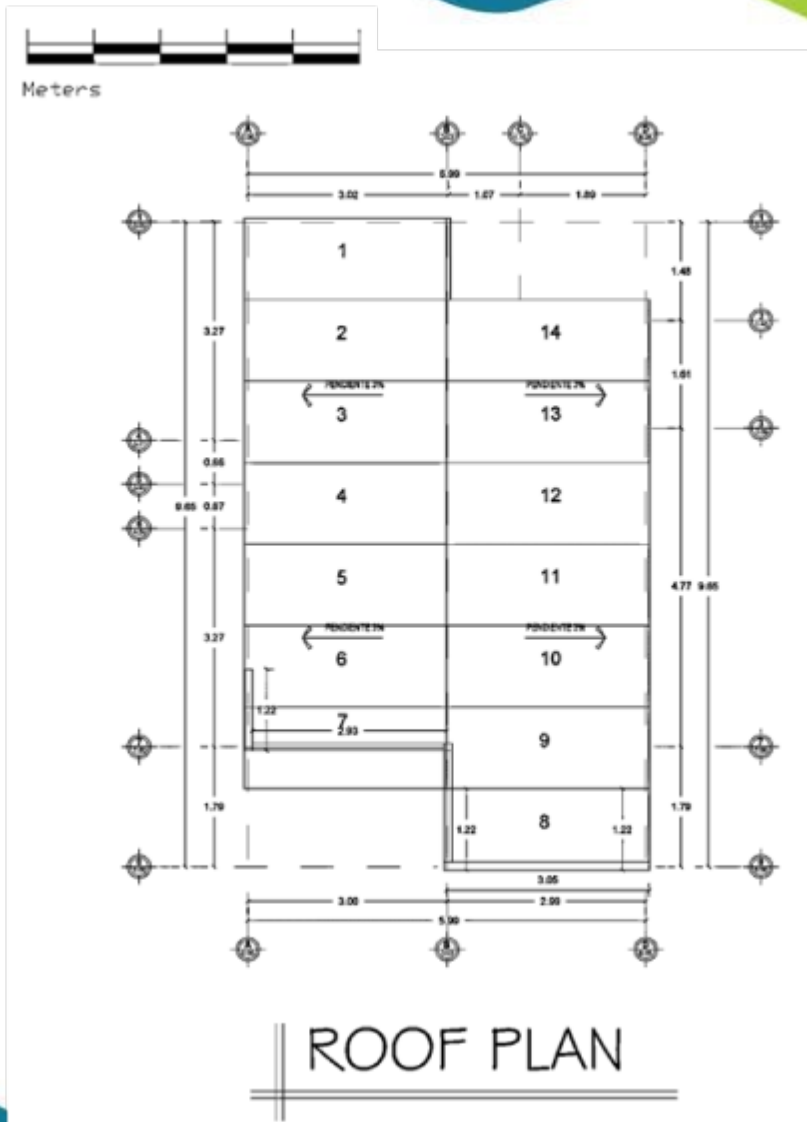


1
2
3

50m² / 538 ft²
MODEL

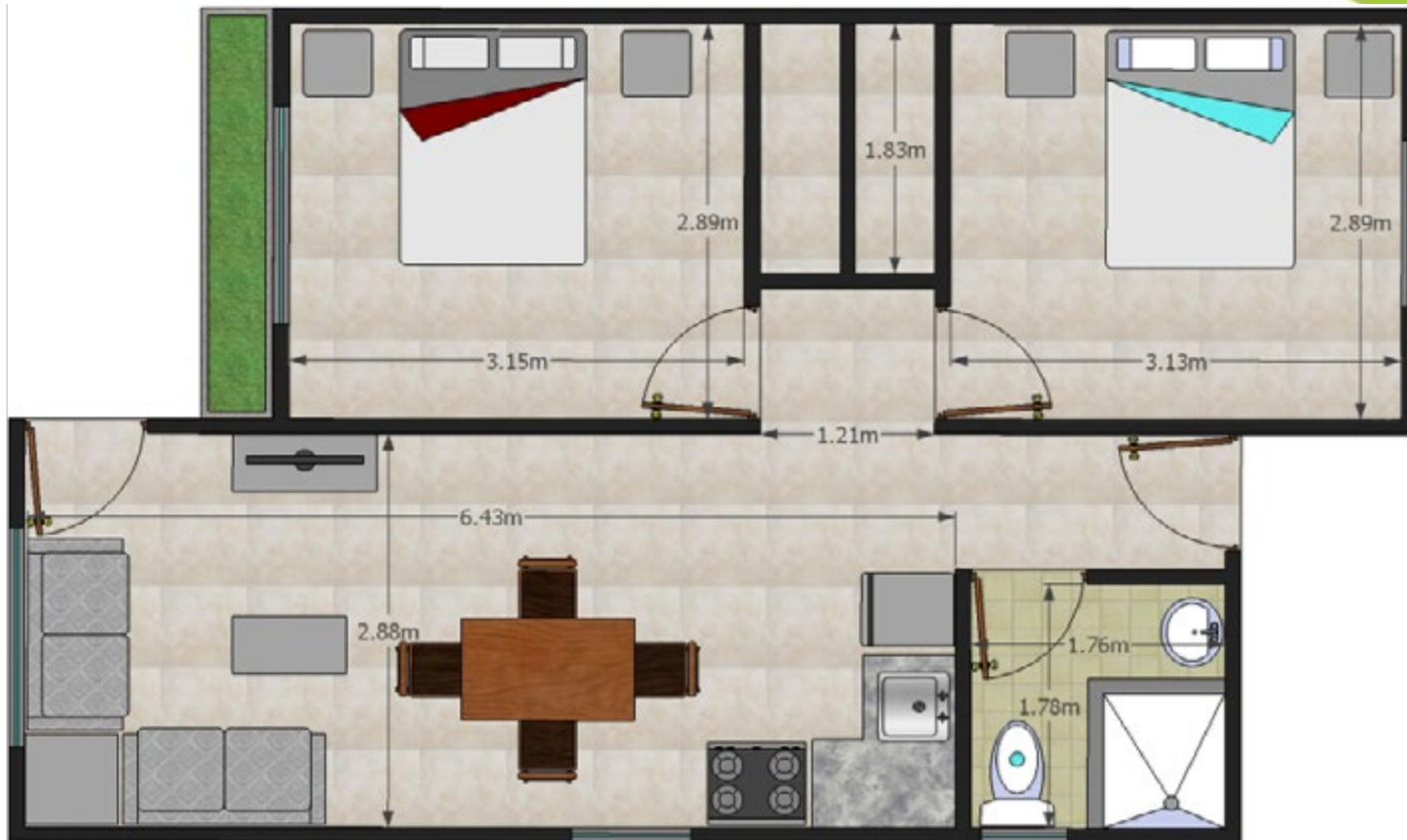


50m² / 538 ft²
MODEL



50m² / 538 ft²
MODEL

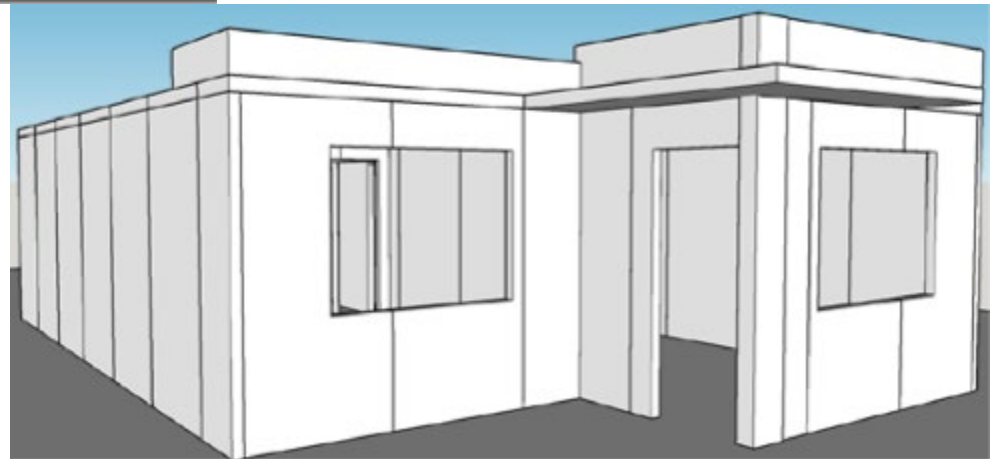
Design Plan



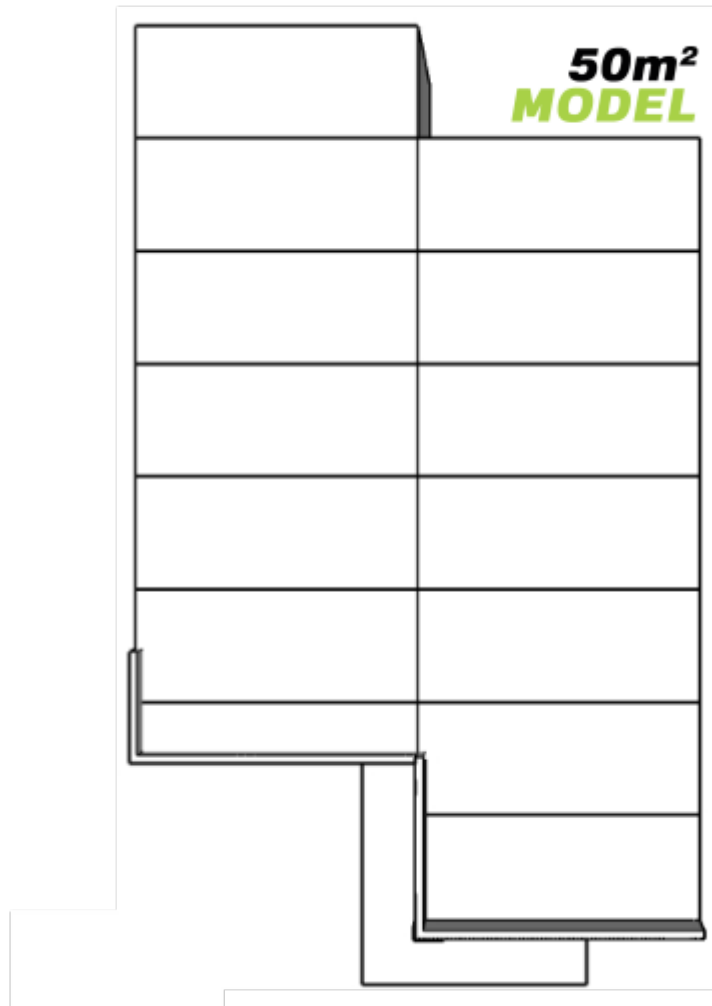
**50m² / 538 ft²
MODEL**



***Wall
Modulation***



**50m² / 538 ft²
MODEL**



***Roof
Modulation***

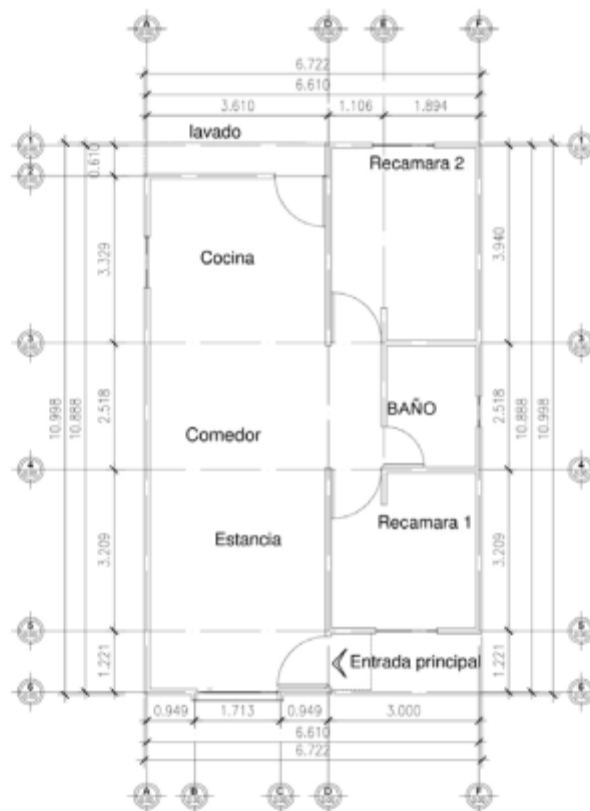
68m² / 732 ft²
MODEL



68m² / 732 ft²
MODEL



68m²
MODEL

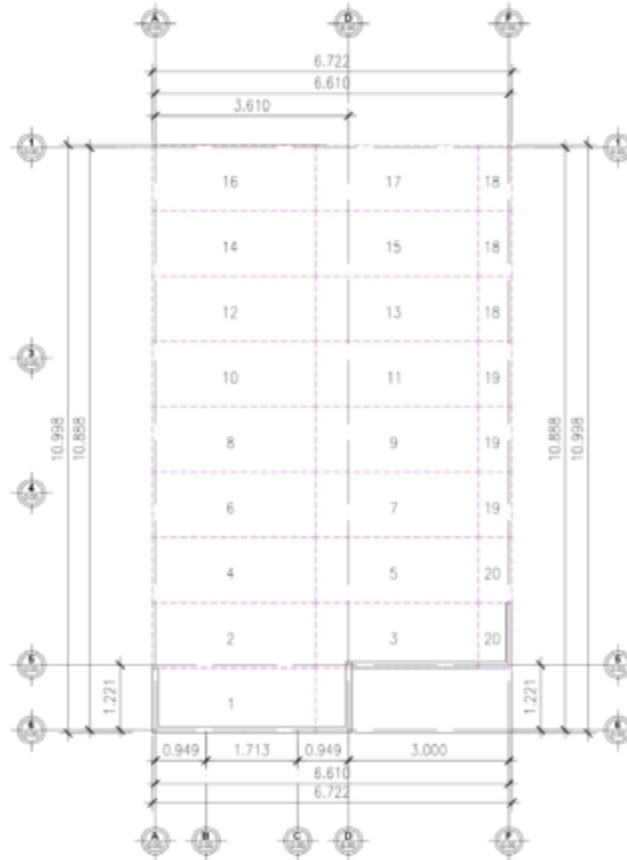


ARCHITECTURAL PLAN

68m² / 732 ft²
MODEL



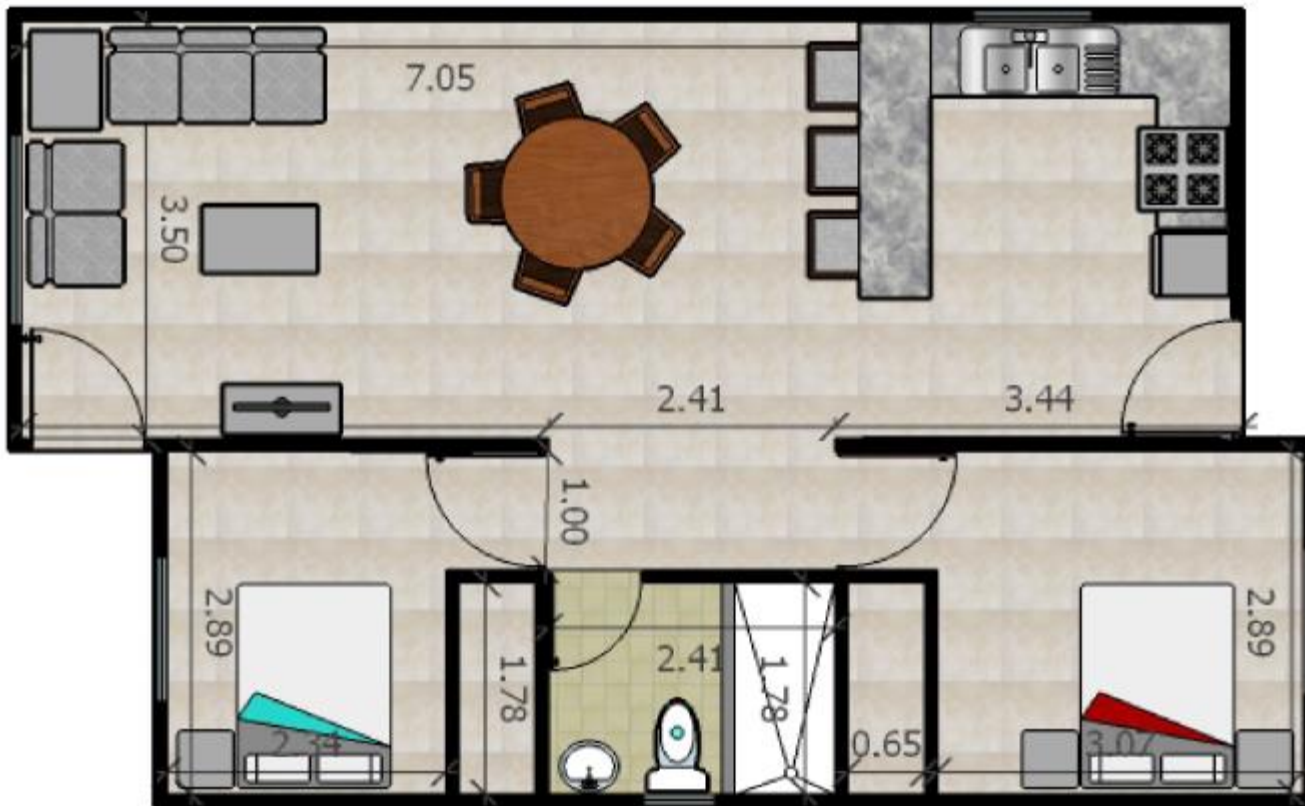
Meters



ROOF PLAN

68m² / 732 ft²
MODEL

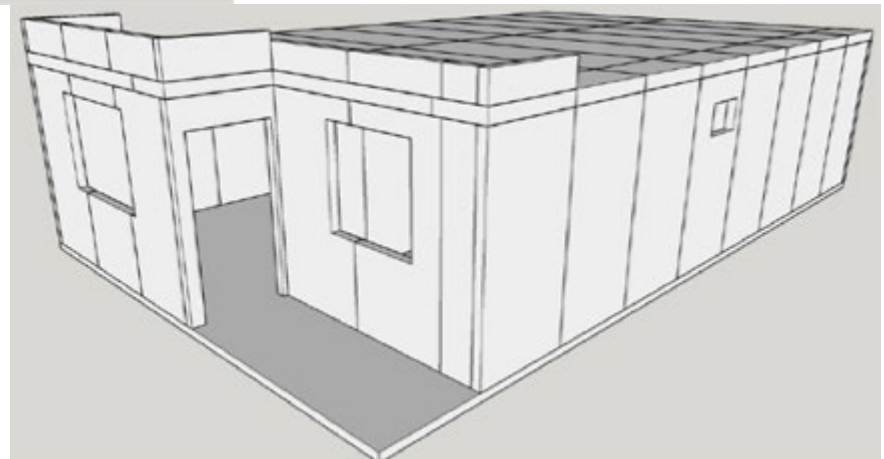
Design Plan



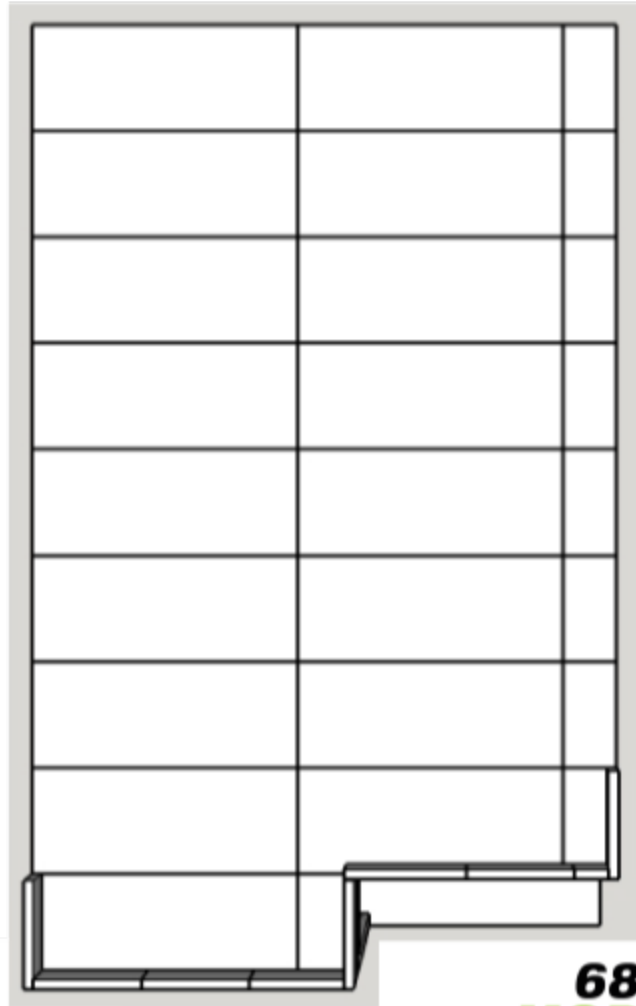
68m² / 732 ft²
MODEL



***Wall
Modulation***



68m² / 732 ft²
MODEL



***Roof
Modulation***

68m²
MODEL

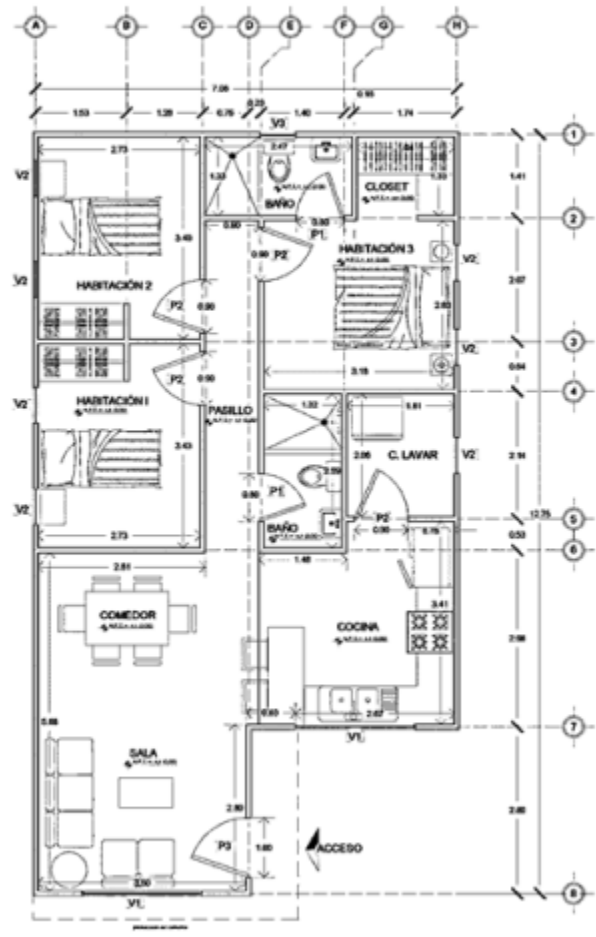
82m² / 882 ft²
MODEL



82m² / 882 ft²
MODEL

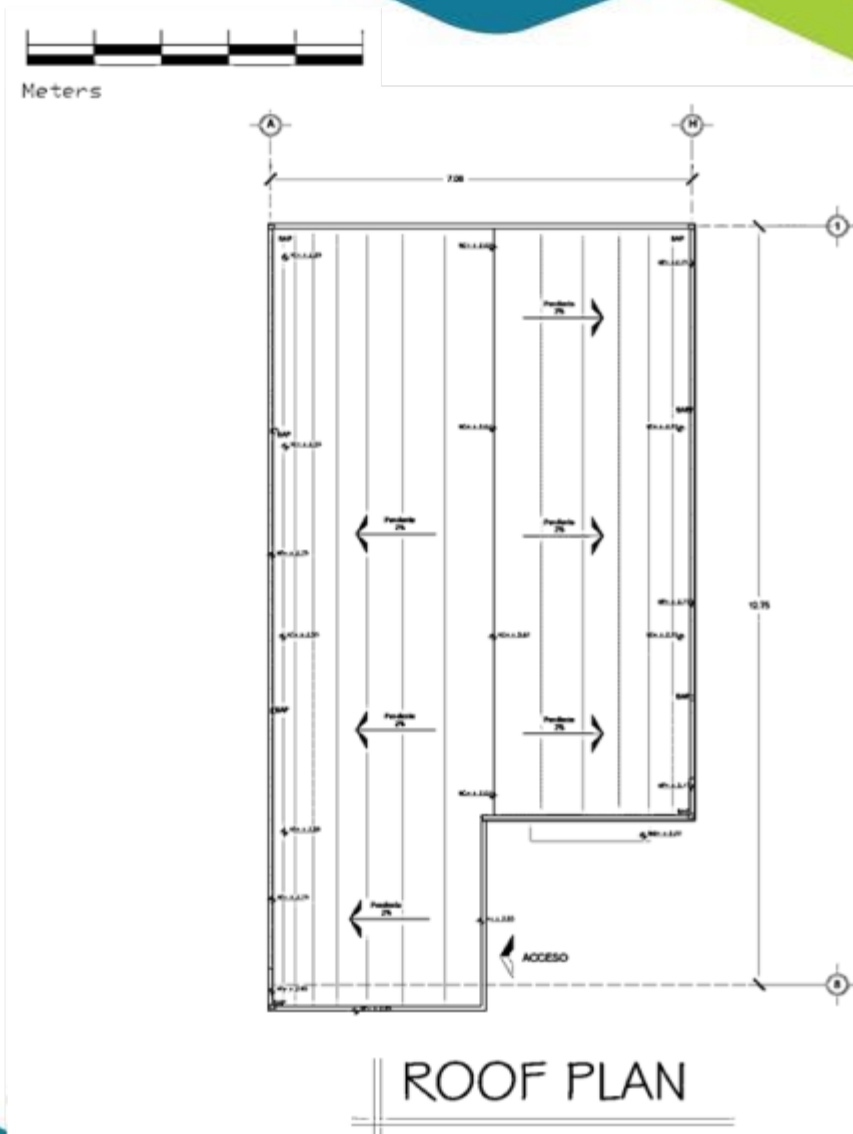


82m²
MODEL



ARCHITECTURAL PLAN

82m² / 882 ft²
MODEL



82m² / 882 ft²
MODEL

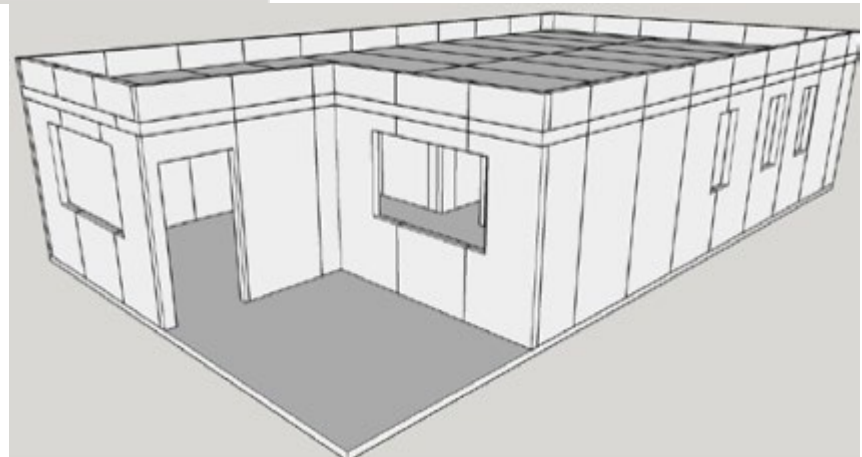
Design Plan



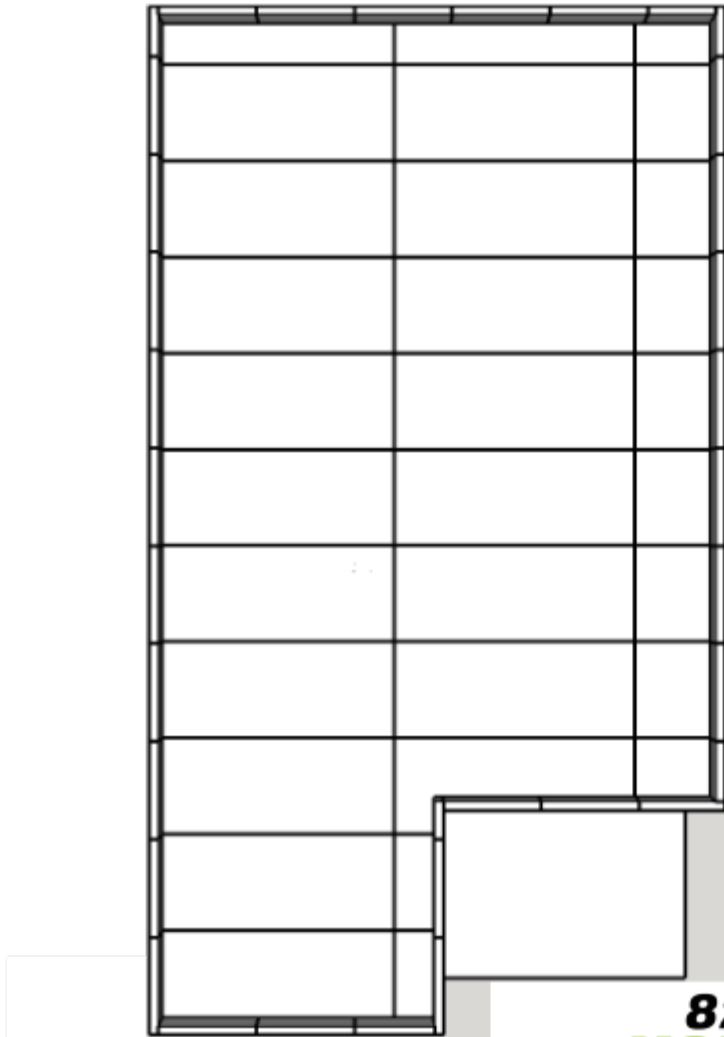
82m² / 882 ft²
MODEL



***Wall
Modulation***



82m² / 882 ft²
MODEL



***Roof
Modulation***

82m²
MODEL

THERMOROCK's **Products**

Here at THERMOROCK, we've developed multiple types of SIP (Structural Insulated Panel), each one for different conditions.



Thermal and acoustic insulated panels, energy efficient, light-weight and safe for your family and the environment.



Improved resistance to extreme weather conditions, made to resist climate change while reducing impact.



Best overall energy efficiency, higher insulation and resistance, while being lighter, thanks to our special formula.



Decorative panels which offer all of the benefits of building with our system. Decorate your world.

THERMOROCK's Products

Here at THERMOROCK, we've developed multiple types of SIP (Structural Insulated Panel), each one for different conditions.



Flexible and highly resistant texturized paint finishes for any type of walls.
With more than 60+ colors available.



Multi-use adhesive used to joint and bond our panels, improving stability



Higher resistance, greater sealing, improving all of THERMOROCK's construction system benefits.



Water based acrylic sealer, used to seal panel bonding into a smooth surface

Contact Us!

Start saving money and energy now!

You'll find only the best building materials for your house with THERMOROCK.

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