rusticasa
WOODEN HOUSES

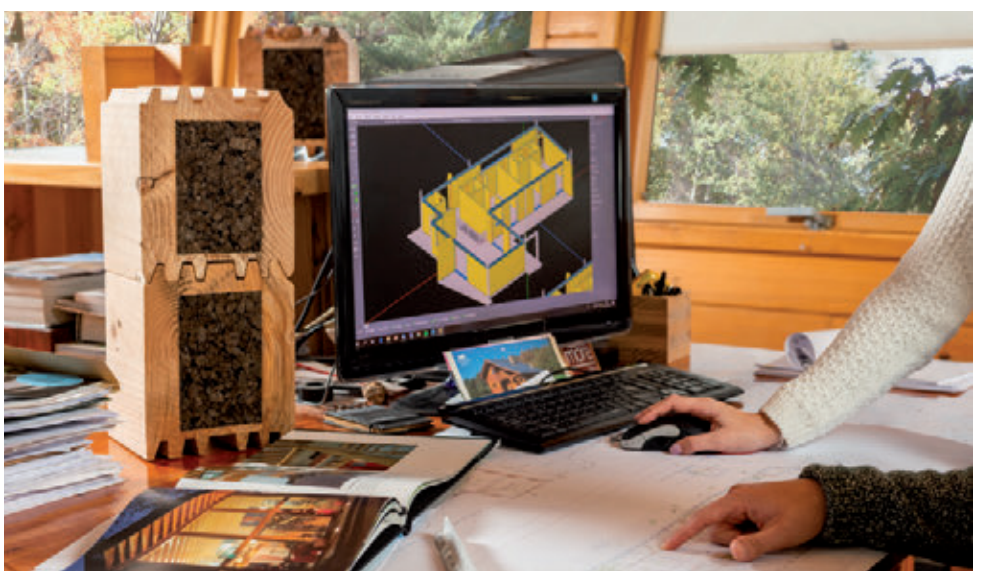
OVER 40 YEARS FULFILING DREAMS

Excellence and Innovation

In 1978 the idea of the first wooden house was born, that gave life to the project RUSTICASA®. An **artisanal** house, entirely made by hand, built out of tree trunks of 30 cm in diameter. The “Tree Trunk House”, as it was then called, remains iconic for the company.

40 years of **experience** have acquired RUSTICASA® a unique and internationally recognized know-how, as evidenced by some awards that have distinguished the company over four decades. From AITIM quality label to CE marking, to LNEC approval.

At RUSTICASA®, there are no predefined templates, all constructions are **customized**. The plans we present in our catalogues are just inspiration and possible starting points to create your own plan. You can rely on our teams 40 years’ experience in the business to help you develop *your dream home!*



rusticasa
WOODEN HOUSES

More than 1.800 manufactured homes and 280.000m² built, these are the fruits of 40 years of wooden houses built in Portugal, Spain and France. In this catalogue, we introduce some of our achievements. You will discover that there are as many *Rusticasas* as there are ideas, and as many ideas as future inhabitants of wooden houses.

SINGLE FAMILY HOME | LA CORUÑA \ TIMBER FRAME

OUR PHILOSOPHY

Quality and Sustainability

"Wood is the key to a more sustainable building industry."
Arch. John Klein

SINGLE FAMILY HOME | MONTFORT-L'AMAURY \ TIMBER FRAME

Sustainable wood construction:
The choice of a responsible future,

Choosing wood.
Wood is an ally in the fight against global warming. Choosing wood means conducting an eco-friendly policy for sustainable development.

Building with wood.
To build in wood is to allow the forest to develop, thanks to the sustainable management of its resources, preserving the environment, without destroying the forest capital.

To be eco-friendly.
The wood construction helps the ecological balance by its CO_2 storage potential, as well as its thermal insulation qualities that limit energy consumption..

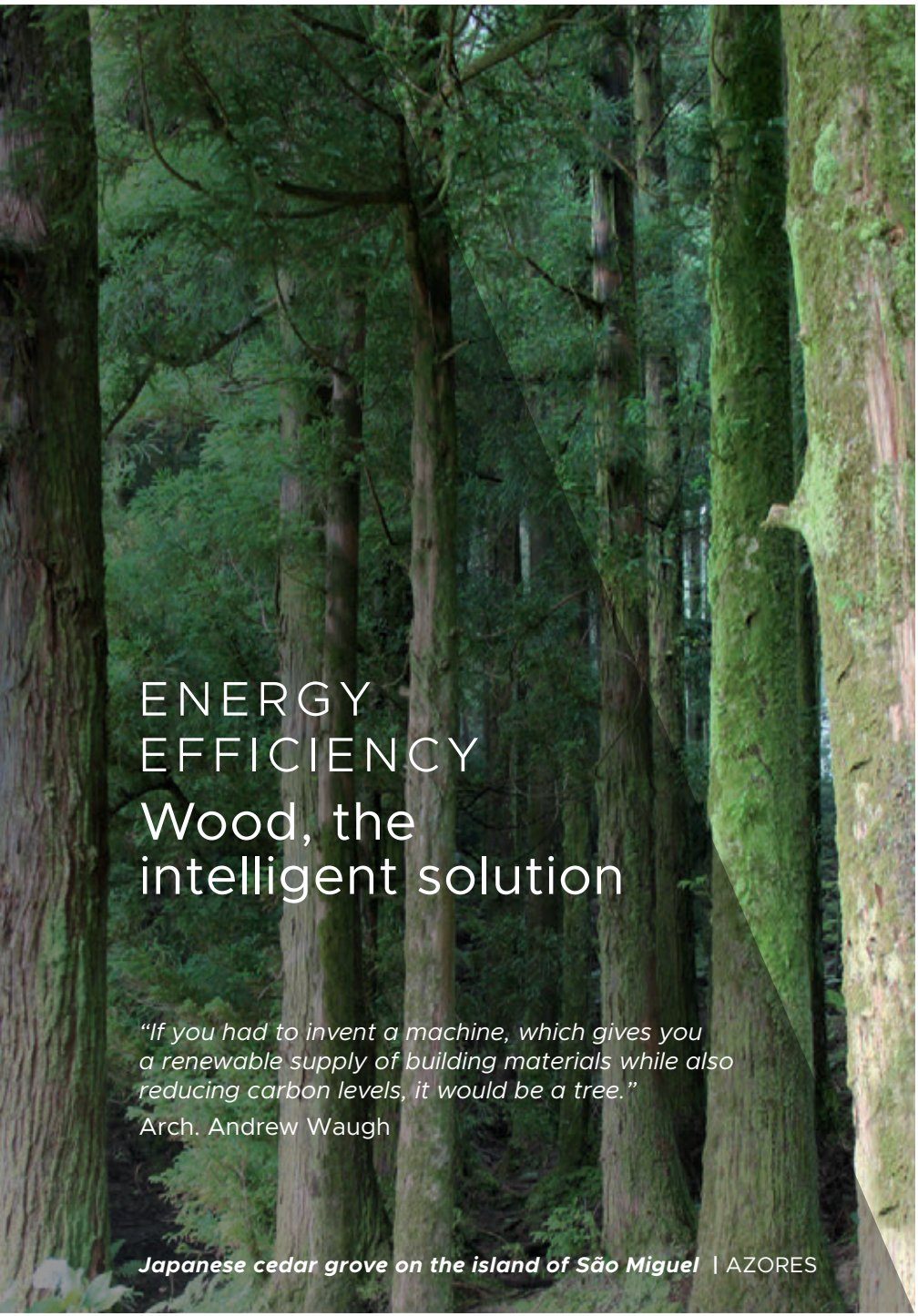
The quality of the execution determines the durability of the construction. If this statement can be applied to masonry constructions, it can also be said about wooden constructions.
In this sense, the quality of our products, our services and our supervision has truly established itself into a true company culture.

From the choice of wood sourced from sustainably managed forests, to continous training of our employees, through research and constant development of the most appropriate constructive solutions, RUSTICASA® has given itself as a mission from its conception, to offer a quality service that respects the environment, while integrating social and economic concerns.

With the **CE marking**, endorsed by the European Technical Assessments (ETA)18/0984, 22/0889 and 24/0070, and the **ISO 9001** and **ISO 14001** certifications, audited by Société Générale de Surveillance (SGS), RUSTICASA's management systems and processes strictly comply with the most demanding environmental and quality standards in Europe. All a guarantee of excellence for our customers!

SGS CE 1029

Kits for prefabricated timber building structures, under the trade marks ITS (Insulated Timber System). TFS (Timber Frame System) and LTS (Laminated Timber System).



ENERGY EFFICIENCY

Wood, the intelligent solution

"If you had to invent a machine, which gives you a renewable supply of building materials while also reducing carbon levels, it would be a tree."

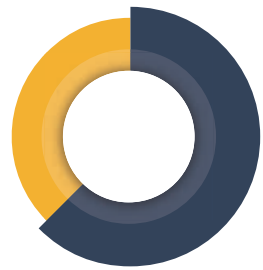
Arch. Andrew Waugh

Japanese cedar grove on the island of São Miguel | AZORES

THE EFFICIENCY OF WOOD CONSTRUCTIONS SURPASSES CONVENTIONAL METHODS*

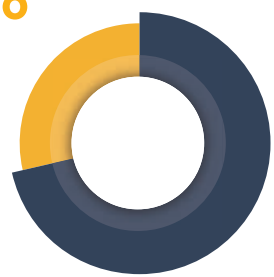
ENERGY -40%

The energy used in the manufacturing of the materials involved in constructive solutions in wood is 40% less than that used in conventional construction.



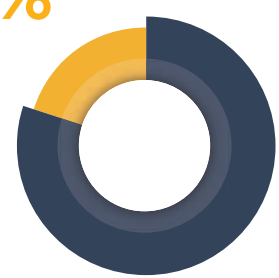
WASTE -60%

Woods best behaviour is also evident in the reduction of 60% of the waste generated, both in the manufacturing and disposal.



TOXICITY -75%

Toxic emissions into the air and water are reduced by up to 75% with wood.



Wood Conventional

**Source: STTC - 2017.*

OUR PRODUCTS

Each house is unique

LTS™ LAMINATED LOGS

Traditional construction system composed of laminated wood logs. Defined by a very characteristic and easily recognizable architecture, this constructive system is typical of the Nordic countries, but adapts perfectly to the warmer climates.

Wood: Nordic pine, Nordic spruce or Japanese cedar.
Origin: Northern Europe, Azores.
Weight: 85kg/m² (average weight per m² wall).

HTS™ HYBRID SYSTEM

The HTS™ system developed by RUSTICASA® combines the robustness of solid wood with the efficiency of a ventilated façade for superior thermal performance. With multiple exterior cladding possibilities, the hybrid system allows for a wide range of aes-thetic options and architectural styles.

Wood: Japanese cedar.
Origin: Azores.
Weight: 50kg/m² (average weight per m² wall).

TFS™ TIMBER FRAME

In timber construction, the Timber Frame system is the most popular construction technique, allowing a great freedom of architectural expression. It is ideal for both new constructions and extensions. A Timber Frame house adds lightness and solidity.

Wood: Nordic pine, Nordic spruce or Japanese cedar.
Origin: Northern Europe, Azores.
Weight: 60kg/m² (average weight per m² wall).

ITS™ WOOD AND CORK

The Insulated Timber System ITS™ (Insulated Timber System) uses NATURLAM® self-supporting panels for all structural and house-covering elements. The glued laminated wood panels insulated with cork at its core, offer a high thermal resistance and allows for a very fast assembly.

Wood: Japanese cedar.
Origin: Azores.
Weight: 50kg/m2 (average weight per m2 wall).

SECULAR TRADITION with contemporary style

Seen as the *state-of-the-art* of wood construction, the result of a know-how and a lifestyle, this constructive method consists of stacking logs (straight or rounded on the outside) through an interlocking system forming support walls. The wood, visible on the outside and inside of the building, offers excellent natural insulation with hygrometric control properties and provides warmth and comfort to its inhabitants.

SINGLE FAMILY HOME | ÓBIDOS \ LAMINATED LOGS

NATURE IS THE HAMONY of elements

Architect Francisco Vieira de Campos project, which was born as an extension of the Quinta do Vallado wine hotel, awarded in the categories *"Sustainable Wine Tourism Practices"* and *"Architecture and Landscapes"* at the **Best of Wine Tourism Awards** of 2016 and 2018, as well as in the **Archilovers Best Project 2017,** the **Construir Awards '18** in the category of *"Best Private Project"* and nominated for the European Union **Mies van der Rohe 2019** Contemporary Architecture Prize.

HOTEL CASA DO RIO | VILA NOVA DE FOZ CÔA \ TIMBER FRAME


Best Of
Wine Tourism
REGIONAL WINNER 2016
SUSTAINABLE WINE TOURISM PRACTICES
Best Of
Wine Tourism
GLOBAL WINNER 2018
ARCHITECTURE AND LANDSCAPES
archilovers
Best Project
2017
prémios
CONSTRUIR
'18
MELHOR PROJETO PRIVADO
EU
mies
award
19
NOMINEE
PNAM'19
PREMIO NACIONAL DE
ARQUITETURA EM MADEIRA
AIT AWARD
BEST IN INTERIOR
AND ARCHITECTURE 2020
enor
PREMIO DE ARQUITECTURA
ENOR 2020

In timber construction, the systems are generally composed of structural elements that guarantee the stability of the building, together with cladding and insulation that form ventilated façades, ensuring the solidity and thermal comfort required for modern buildings.

At RUSTICASA®, we have adopted two construction systems based on this principle: the Timber Frame system, also known as 'light structure', and the *Hybrid* system, which uses solid wood for the structural elements.

FLEXIBILITY OF DESIGN

free and spacious volumes

"If urban densification is inevitable, then let it be done with a material that makes us intuitively happy, as well as benefitting the planet and specifically the air, which after all, we share with trees."

Arch. Clare Farrow

HOTEL RINOTERRA | CAMINHA \ TIMBER FRAME

ARCHITECTURAL LIBERTY

expressiveness and lightness

Suitable for any type of site (landlocked lot, cramped, unstable, steeply sloped, ...), a wood frame construction is up to 7 times lighter than a concrete construction and 17 times lighter than steel, requiring much less substantial and a less expensive basement and suitable for low lift fields, or in poorly stabilized areas.

SINGLE FAMILY HOME | ARCOS DE VALDEVEZ \ TIMBER FRAME

The *'Hybrid'* system is the latest technological advance from RUSTICASA®. It is called hybrid because it combines the solid wood structure with the ventilated and insulated façade system.

The main advantages are structural solidity and durability. With better thermal inertia and high living comfort due to the hygro-regulating capacity of the wood, the ventilated façade is insulated from the outside and clad in Japanese cedar wood, all in a single system.

POLIVALENT AND VERSATILE creativity without limits

"Wood is the most technologically advanced form of construction."
Arch. Michael Green

BEACH HOUSE | CAMINHA

HTS™

CONSTRUCTION RAPIDITY

energy efficiency

"Wood is a form-inspiring, profoundly human material."
Arch. Alvar Aalto

SINGLE FAMILY HOME | LA GARRIGA – BARCELONA | ITS™

ITS™ was born from the conjunction of the log house constructive technique with the Timber Frame system. In addition to reconstituting the log with glued laminated wood, adding cork in its core to increase its thermal performance, the pieces are joined together to form self-supporting structural panels, thus giving the constructive system unmatched benefits in terms of both insulation and speed of construction.

NATURAL ELEMENT healthy and relaxing

"The presence, smell and feel of wood can have extremely positive effects."

Arch. Clare Farrow

COUNTRY HOUSE | ERICEIRA | ITS™

The ITS™, houses, assembled with both sides of the finished walls, can be delivered fully equipped, with exterior carpentry included, as well as channels for the embedded electrical installation, offering a speed of execution without setting or drying times, characteristic of the construction with wet conglomerates (conventional construction).

The reduced thickness of its walls optimizes the living space (+/- 8% more than in brick), as well as increasing the comfort of its occupants, thanks to the naturally breathable materials that regulate the interior humidity, with low thermal inertia and absence of thermal bridges.

SINGLE FAMILY HOME | VILA VERDE \ ITS™


“ It’s a much better material to live with than any other”.
Arch Alex de Rijke
Some colour examples for your home

TIMBER FRAME \ **1 BEDROOM HOUSE** | **GROUND FLOOR** | AREA 64 m²

T 1 | 64m²

DATA SHEET

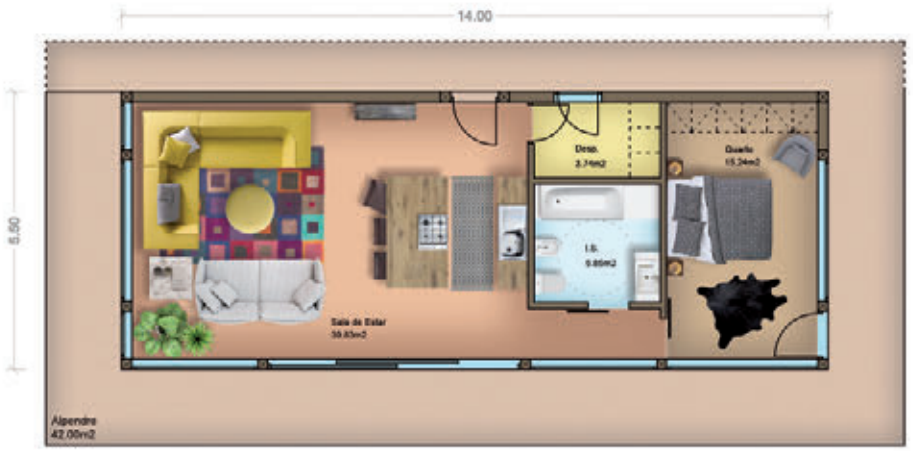
Closed ground floor: 49m²
Pergola: 15m²
Gross area: 64m²

The minimum amount of living space sets the guidelines for this 64m² project, with no superfluous elements, in an example of minimalist architecture where the essentials take up all the space in this simple and cosy house. An ideal solution for holidays or weekends on the beach or in the countryside.

NOTE: areas, photos and plans reproduced are for guidance only.

TIMBER FRAME \ **1 BEDROOM HOUSE** | **GROUND FLOOR** | AREA 119m²

T 1 | 119m²



DATA SHEET

Closed ground floor: 77m²
Porches: 42m²
Gross area: 119m²

Stylization comes to its paroxysm with this Zen-inspired house. The open spaces with large glazed areas contribute to the sense of spaciousness, thus enhancing the visual comfort of the interior of this original house.

NOTE: areas, photos and plans reproduced are for guidance only.

TIMBER FRAME \ **2 BEDROOM HOUSE** | **GROUND FLOOR** | AREA 91 m²

T 2 | 91 m²

DATA SHEET

Closed ground floor : 79m²
Porch: 12m²
Gross area: 91m²

This design by Architect Simão Carvalho joins practical and comfort. Concentrated in just 79m², a large common room shares its space with an open kitchen that also serves as a dining room, in addition to having two bedrooms and their respective bathrooms.

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TIMBER FRAME \ **2 BEDROOM HOUSE** | **GROUND FLOOR** | AREA 114m²

T 2 | 114m²

DATA SHEET

Closed ground floor: 99m²
Porch: 15m²
Gross area: 114m²

A 114m² two-bedroom house with large glazed areas that let light into the interior and allow you to contemplate the landscapes outside. Although relatively small in size, this house has everything to guarantee the utmost comfort.

NOTE: areas, photos and plans reproduced are for guidance only.

ITS™ \ **3 BEDROOM HOUSE** | **GROUND FLOOR** | AREA 165 m²

T 3 | 165 m²

DATA SHEET

Closed ground floor: 125m²
Pergola: 22m²
Porch: 18m²
Gross area: 165m²

A sophisticated house with modernist features. With three bedrooms. three bathrooms and a large living space of 50m² that includes the living room, dining area opened over the kitchen and pantry, this house responds to its time.

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LAMINATED LOGS \ **3 BEDROOM HOUSE** | **GROUND FLOOR + 1 FLOOR** | AREA 171 m²

T 3 | 171 m²

DATA SHEET

Closed ground floor: 88m²
Closed floor area: 63m²
Porch: 12m²
Balcony: 8m²
Gross area: 171m²

An imposing house of 171m² with two floors and six rooms, inspired by the classic wooden houses of the north of Europe, with the charm of a traditional country house. If you love the rustic style, this is definitely your project!

NOTE: areas, photos and plans reproduced are for guidance only.

LAMINATED LOGS \ **4 BEDROOM HOUSE** | **GROUND FLOOR** | AREA 176m²

T 4 | 176 m²

DATA SHEET

Closed ground floor: 145m²
Porches: 31m²
Gross atrea: 176m²

A single storey house with generous front porch, like a ranch on the American plain, is the proposal of this very popular classic design that consists of four bedrooms and a large social area. A way to live life closer to nature!

NOTE: areas, photos and plans reproduced are for guidance only

ITS™ \ **4 BEDROOM HOUSE** | **GROUND FLOOR + 1 FLOOR** | AREA 256m²

T 4 | 256 m²

DATA SHEET

Closed ground floor: 158m²
Closed floor area: 51m²
Porches: 23m²
Pergola: 24m²
Deck: 50m²
Gross area: 306m²

For large families, great solutions! Two bedrooms and two suites. one of which on the floor with a private room over the mezzanine, and a social area with an open kitchen over the living and dining room form this sumptuous practical and modem home.

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