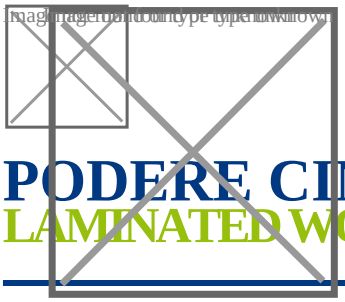


PODERE CINGHIO - PARMA

LAMINATED WOOD ROOFING FOR PRESTIGIOUS RESTORATION

Podere Cinghio, in Parma, is a place rich in history that is preparing to be reborn as a civic center, a welcoming, dynamic and versatile multifunctional space. The restoration and reuse of the rural farm is characterized by the construction of solid wood roofs and floors by Sistem Costruzioni. The activities of the Orti Cinghio Social Center, the Villa Ghidini Youth Center and other associations in the neighborhood will take place within the Podere. The choice of laminated wood is ideal to allow an intervention in compliance with the historical characteristics of the buildings. At the same time it is a material with extraordinary technical characteristics, which allows great design flexibility, excellent static, energetic and aesthetic characteristics.

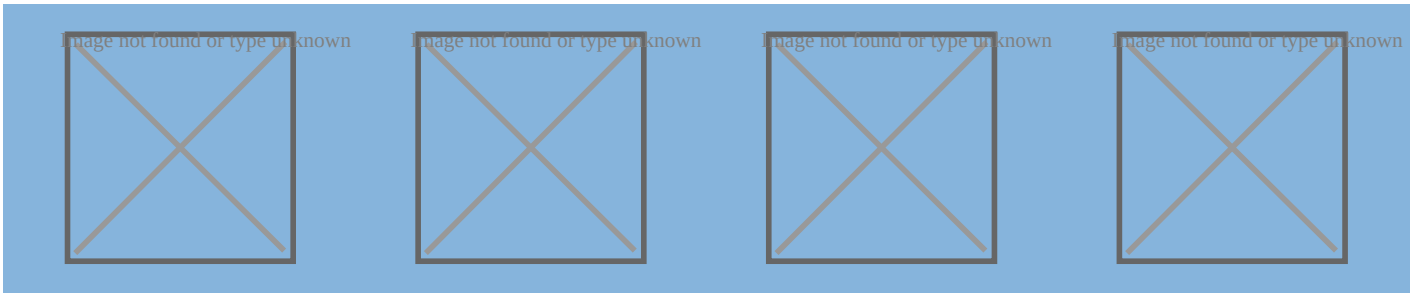
PRODUCT SPECIFICATION

Localization: Parma

Intended use: Micro homes for senior citizens Recreational Centres

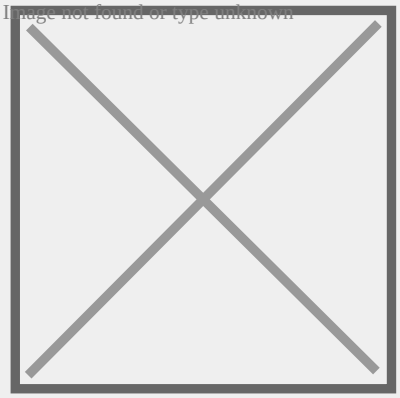
Architetural and structural design:

Total area: ft



BUILDING SYSTEM

Laminated and Solid



Reasons for choosing the Laminated and Solid system

This construction system guarantees **the creation of timber roofs of various sizes and of different levels of complexity** in compliance with specific static loading calculations and transferring vertical and horizontal loads to the foundations by means of conventional building elements, in certain cases.

A durable and versatile timber roof

The unique characteristic of laminated wood and the connections between the various elements make it possible to create roof spans of more than 30 metres and **to build roofs of very large surface areas without having to break up the ground plan of the building with awkward intermediate pillars.**

High levels of insulation and strength

Depending on the thermal requirements, the **roof** can be completed with an insulating package and outer covering. The joists of the web roof structure can be designed in accordance with a very diverse range of geometries: the ridge beam establishes the shape of the roof while the wall plate beam can be adapted to match architectural, static or application requirements. The nodes of the web support structure can be created with metal plates fastened to the wood with screws and pins, with wood to wood joints, or by means of direct fastening with normal screws or full-threaded screws. Because they are extremely slender elements, timber joists or rafters must be braced with timber or steel elements designed to prevent the occurrence of lateral out-of-plane instability.

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Sede / Headquarter:

Sistem Costruzioni s.r.l.
Via Montegrappa 18 - 20
41014 Solignano di Castelvetro (MO), Italy
Tel. +39 059 797477 - 797591
Fax. +39 059 797646

info@sistem.it
www.sistem.it

Sucursal Cuba

Centro de Negocios Miramar
Calle 3a e/e 76 y 78, Edificio Beijing,
Piso 1, Oficina 133
Ciudad de la Habana, Cuba
Tel. 0053 7 2040823

sistemcuba@enet.cu
www.sistem.it