EDUCATIONAL HUB, CORPORENO - CENTO (FERRARA, ITALY)

THE FIRST NON-TEMPORARY POST-EARTHQUAKE SCHOOL IN EMILIA, ENTIRELY MADE OF WOOD

Inaugurated on 28 October 2012, the Corporeno - Cento educational hub (in the province of Ferrara) is **composed of two timber buildings each with two storeys.** The all-timber complex includes the middle school, elementary school, a 300 m^2 refectory and a 650 m^2 gymnasium. **An all-wood state-of-the-art educational hub completed in 78 days** The complex was handed over **78 days after the plans were completed, ahead of the agreed schedule**, thanks to the **fast construction times that are possible with timber building construction techniques.** The educational hub includes twenty-four classrooms on two floors plus various spaces for special and school related activities, and it will accommodate up to 700 students.

PRODUCT SPECIFICATION

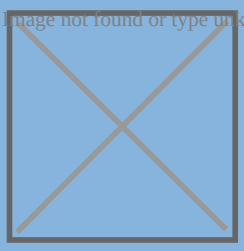
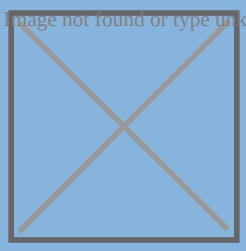
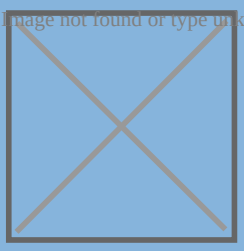
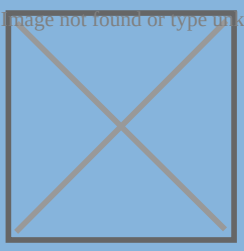
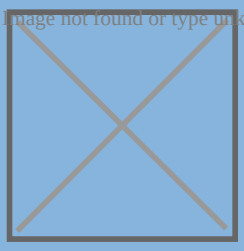
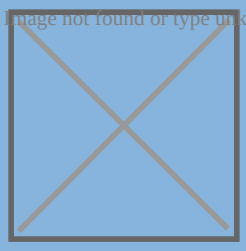
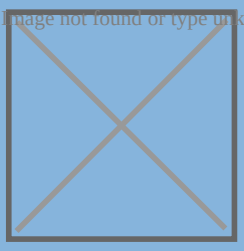
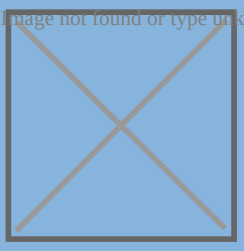
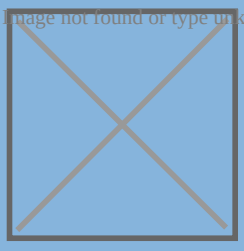
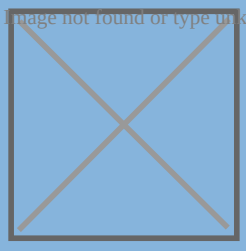
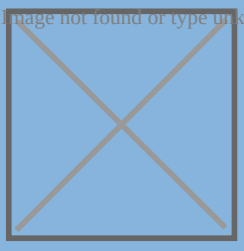
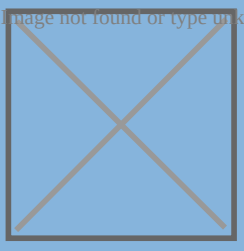
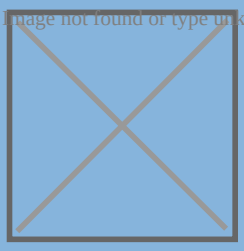
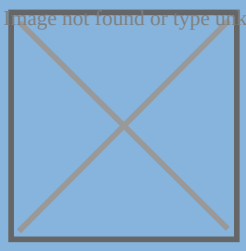
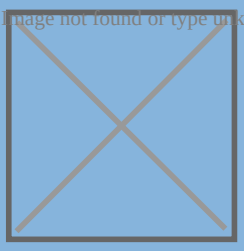
School

Localization: Corporento Cento (FE)

Intended use: Schools

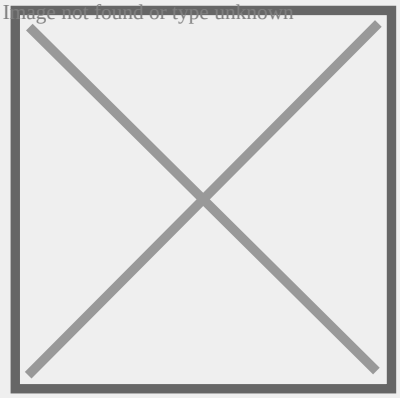
Architetural and structural design: AMBIENTEVARIO - Engineer Claudio Contini

Total area: 6200ft


Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

Image not found or type unknown

BUILDING SYSTEM

XLAM



Reasons for choosing the Xlam system

The Xlam system is a technical innovation in the construction of timber homes and buildings. The system's exceptional versatility allows the creation of a wide range of architectural constructions, including multi-storey **timber buildings**. The system assures **optimal thermal insulation** and a high level **of fire resistance**, a fast drying process and exceptional **acoustic insulation**.

About the Xlam system

The Xlam panel is composed of crossed layers bonded together, making the construction system extremely **versatile**. Composed of 99.4% timber and 0.6% adhesives, Xlam is considered to be a monolithic material **capable of supporting very high loads and withstanding external stresses and seismic activity**.

Image not found or type unknown

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