



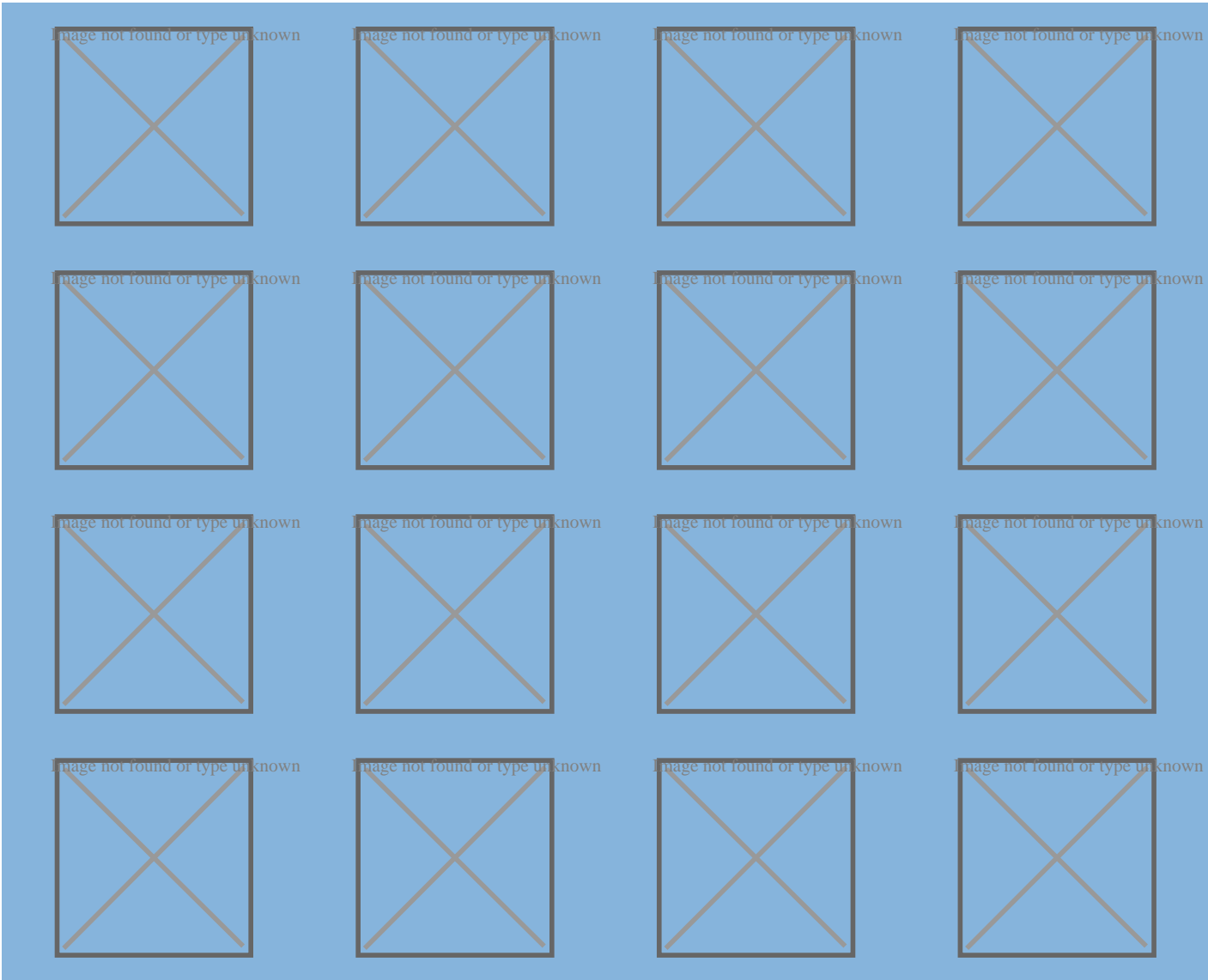
SCHOOL COMPLEX - RENO CENTESE (FERRARA)

THE REBIRTH OF A SCHOOL THAT STARTS FROM WOOD

The new Reno Centese school consists of 4 structurally independent blocks: the first houses two sections of the kindergarten, in the middle the "hall and canteen", followed by the block of the primary section and finally (to the west) the gym. A building, as highlighted by the designers, of 2,550 square meters made of wood with Xlam panels, anti-seismic, technologically modern and with zero impact from the point of view of energy consumption. On the roof there is also a 44 kw photovoltaic system and surface heat treatment.

PRODUCT SPECIFICATION

School
Localization: Reno Centese (Ferrara)
Intended use: Schools
Architeturale and structural design: Studio Ambiente Vario
Total area: 2550ft



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.



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