

## Corporeno di Cento School Centre, Ferrara | Italy



**Project** School complex with sports hall and dining room

**Place** Corporeno Cento, Ferrara, Italy

**Construction** 2012

**Client** Centro Emilia Terremoto 2012 Srl

**Execution** Sistem Costruzioni Srl

**Architecture** AMBIENTEVARIO Arch. Duccio Randazzo and Arch. Francesca Cibelli

**Statics** Ing. Claudio Contini



The new Corporeno school campus consists of a 6,200 m<sup>2</sup> building with a total floor area extending to 15,000 m<sup>2</sup>. Following the serious earthquake in the region, the school building was built throughout using binderholz CLT BBS, as this material has extremely good properties in the event of an earthquake.

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The school building is designed in the form of two H-shapes and incorporates a middle school, primary school, 300 m<sup>2</sup> dining room and a 650 m<sup>2</sup> sports hall. These stand-alone, yet interconnected, buildings are constructed throughout from binderholz CLT BBS. The school complex is designed to accommodate a maximum of 700 schoolchildren.



The complex includes 24 classrooms, numerous labs, facilities for special extra-curricular activities, toilets and a library. Each building has two floors and is surrounded by large grass grounds.

The two floors, vertical supporting structure, ceilings, staircase and lift shaft of the two buildings, which house the primary school and middle school, are constructed using binderholz CLT BBS.