



Frida Kahlo School

Bruges, France, 2019-2022

Compagnie architecture

Architects. Design Studio

Compagnie architecture, Bordeaux (France)

Design Team, Collaborators and Consultants

Charpente Cénomane (Lead contractor), Compagnie architecture (Architects), Pollen Paysage (Landscape), Albert & Co (MEP and environment), Cesma, Astree (Structure), Hoeco (Construction management and economy), ACFI (Electricity), Acoustex (Acoustical), Fred Bonnet (Roads system and urban public utilities), Adhoc (Kitchen designer)

Client

City of Bruges

Contractors

Charpente Cénomane, Legendre, Botanica, Teba, Secop, Rovallec, Quietalis, Legendre énergie, Sopega, BDB, Carroit, Ventil 72, Santerne, Atlantic, Sfar, Orona

Environmental Certificate

E4C2

Start and Completion Year

2019 (competition), 2019-2023

Gross Area

2800 m²

Sustainable Systems and Materials

Wood construction, natural ventilation, bioclimatic design

Photography

Ivan Mathie

Expert committee. Outstanding Qualities

The scientific committee highlights the following sustainable aspects of the architectural work: «_Wood structure, wood framing, wood wool insulation, and wood cladding to reduce CO² emissions.

_Climatic wells and chimneys for 100% natural ventilation.

_General bioclimatic design for E4C2 certification: roof overhangs, blinds, natural lighting, etc.

_Educational gardens.

_Planted courtyard for summer comfort.

and extracts from the text provided by the architects: « The school relies on frugal ecological principles. Our approach prioritizes the strategic allocation of material, emphasizes the thermal efficiency of the building envelope, and avoid the use of complex equipment. Entirely constructed from wood (including the structure, framework, thermal and acoustic insulation, cladding, joinery, and heating production).»

Website studio and work (link)

<https://compagnie-archi.fr/projets/ecole-frida-kahlo-bruges/>

IG @compagnie architecture

VIDEO- Link

<https://www.facebook.com/biencharpente/videos/1140855923500432>