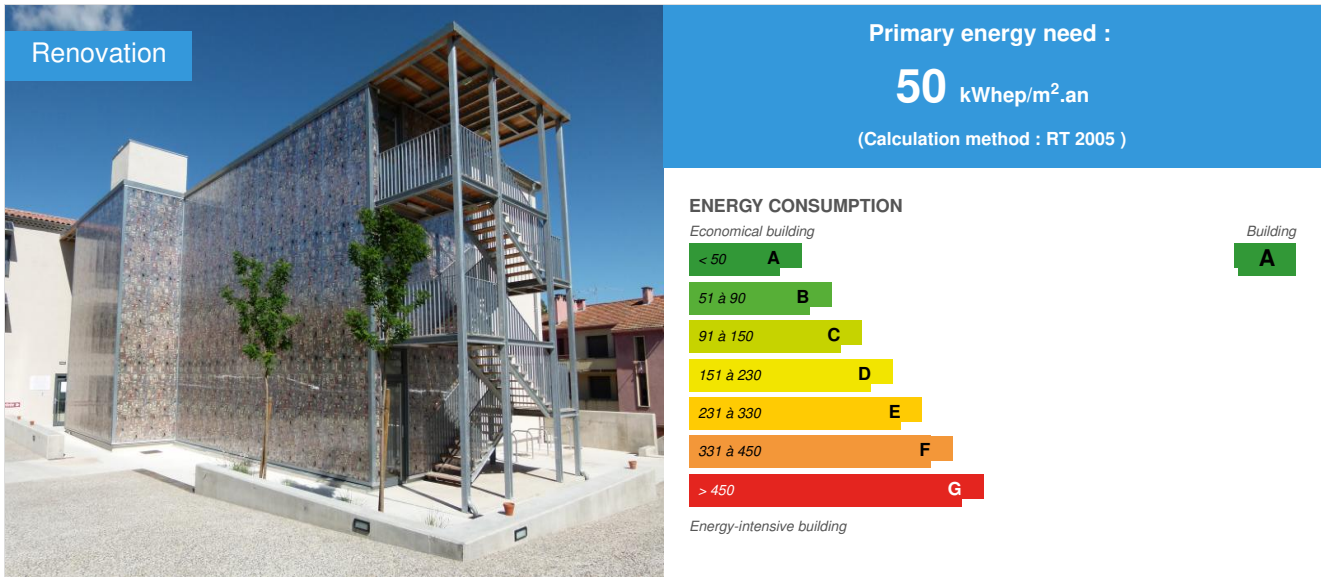


Maison des Métiers du Livre (04)

by Nicolas Guignard / 2012-06-18 17:23:48 / France / 5601 / FR



Building Type : Library, documentation center

Construction Year : 2010

Delivery year : 2010

Address 1 - street : avenue de l'observatoire 04300 FORCALQUIER, France

Climate zone : [ET] Tundra - Polar tundra, no true summer.

Net Floor Area : 1 200 m² SHON RT (fr)

Construction/refurbishment cost : 1 295 049 €

Number of Seat : 45 Seat

Cost/m² : 1079.21 €/m²

General information

Within Rural Excellence Center « Pays du Livre et de l'Écriture », the Community of Municipalities of Forcalquier and Montagne de Lure (CCPFML) decided in 2008 to rehabilitate the former police station in the city and turn it into a building dedicated to book professionals: La Maison des Métiers du Livre (MML). This building, in its early conception, was to follow a sustainable development approach (rehabilitation rather than originality of the project was obvious to see in its architecture. It combines metal, wood and polycarbonate screen on the front, the building stands out while fitting perfectly into the landscape. At the same time, it gives a proprietary interest in Forcalquier - Montagne de Lure, which for centuries has inspired many writers, graphic designers, calligraphers and others.

See the full description at: http://www.enviroboite.net/spip.php?page=notice&id_document=936&id_rubrique=48

Sustainable development approach of the project owner

CCPFML's first aim was to run for the Rural Excellence Center project which was meant as a urban planning system designed to support innovative projects, as much as directly and indirectly creating jobs in rural areas. Forcalquier is known to have a high concentration of editors, graphic designers and other writing professionals. The choice of creating a "Maison des métiers du livre" to bring these actors together became obvious. Rather than demolish the house, the town chose to rehabilitate the former police station in the city while integrating sustainable development in its approach.

Architectural description

The architect did not hesitate to artistically invest into the project: he proposed to integrate into the building two works of Marie Morel, local artist who lived in Forcalquier with her parents, an editor and a designer. These works echo with the theme of writing and are in perfect harmony with the soul of the building. "Inside

Space" (3) therefore adorns the corridor, "The Forest" (5), meanwhile, dresses shutters. As part of the rehabilitation, the building structure and the framework were maintained. The whole façades have been included. The project required close to no insulation or ventilation. The single-glazed windows, in very bad condition, were replaced as well as every the plumbing, electricity and fuel-based heating elements.

See more details about this project

<http://www.enviroboite.net/equipement-culturel-maison-des-metiers-du-livre-forcalquier-04>

Stakeholders

Stakeholders

Function : Contractor

Communauté de Communes Pays de Forcalquier

Thomas NARCY, chargé de mission - Tel : 04.92.75.33.21 thomas.narcy@forcalquier-lure.com

Function : Construction Manager

R+4 architectes (Bernard Brot) et Benoît Séjourné

8 avenue Marcel André - BP1 - 04300 Forcalquier / 04.92.75.70.70 / architectes@rplus4.com

Energy

Energy consumption

Primary energy need : 50,00 kWhep/m².an

Primary energy need for standard building : 89,00 kWhep/m².an

Calculation method : RT 2005

Initial consumption : 225,00 kWhep/m².an

Envelope performance

Envelope U-Value : 0,41 W.m⁻².K⁻¹

More information :

Gangway: translucent cladding = translucent cladding system made of polycarbonate alveolar panels with embossed scalloped edge / outdoor wood fiber insulation, Walls to the outside: 2300-2400 mass concrete, steel <2% wood fiber insulation

Building Compactness Coefficient : 0,39

Indicator : I4

Air Tightness Value : 1,70

Renewables & systems

Systems

Heating system :

- Others
- Water radiator

Hot water system :

- Individual electric boiler

Cooling system :

- No cooling system

Ventilation system :

- Double flow heat exchanger

Renewable systems :

- Solar photovoltaic
- Wood boiler

Health and comfort

Water management

timed valves and taps. The toilet is equipped with a water-saving mechanism.

Indoor Air quality

Paint releasing little or no VOC / linoleum floor

Carbon

Life Cycle Analysis

Eco-design material : Intermediate bearings and wooden steps
Cellulose wadding insulation in roofs and stone wool ceiling (roof)
External insulation of wood fiber (vertical walls)



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