


House 10 Schoelcher Street

by Fabien Bermès / 2017-03-07 20:28:22 / France / 8792 / FR



New Construction

Primary energy need :

23 kWhep/m².an

(Calculation method : RTAA DOM 2012)

ENERGY CONSUMPTION

Economical building *Building*

< 50	A
51 à 90	B
91 à 150	C
151 à 230	D
231 à 330	E
331 à 450	F
> 450	G

Energy-intensive building

Building Type : Isolated or semi-detached house
Construction Year : 2012
Delivery year : 2012
Address 1 - street : rue schoelcher 97300 CAYENNE, GUYANE FRANCAISE, France
Climate zone : [Af] Tropical Wet. No dry season.

Net Floor Area : 160 m²
Construction/refurbishment cost : 330 000 €
Number of Dwelling : 1 Dwelling
Cost/m2 : 2062.5 €/m²

General information

Bioclimatic town house in Cayenne

Sustainable development approach of the project owner

QEA Approach

Architectural description

Townhouse in R + 2 located in the center of Cayenne

Stakeholders

Stakeholders

Function : Designer
Atelier Fabien Bermès
Fabien Bermès - 0694 45 13 13

Function :
SETI Guyane
Thierry Torrente - 0694 20 99 59

Contracting method

Separate batches

Type of market

Global performance contract

Energy

Energy consumption

Primary energy need : 23,00 kWh_{ep}/m².an
Calculation method : RTAA DOM 2012
Breakdown for energy consumption : Appliances / Lighting

Real final energy consumption

Final Energy : 13,00 kWh_{ef}/m².an
Real final energy consumption/m² : 13,00 kWh_{ef}/m².an
Year of the real energy consumption : 2 014

More information

EDF annual invoice

Renewables & systems

Systems

Heating system :

- No heating system

Hot water system :

- Solar Thermal

Cooling system :

- No cooling system

Ventilation system :

- Natural ventilation

Renewable systems :

- Solar Thermal

Environment

Urban environment

Land plot area : 170,00 m²

Built-up area : 54,00 %

Green space : 80,00

House located in dense town center, close to shops, administrations, public squares and transport.

Products

Product

Clays wood openwork

CRI

0694 40 65 56

<http://www.aquaa.fr>

Product category : Table 'c21_china.innov_category' doesn't exist SELECT one.innov_category AS current,two.innov_category AS parentFROM innov_category AS oneINNER JOIN innov_category AS two ON one.parent_id = two.idWHERE one.state=1AND one.id = '10'

Wooden clay façade allows natural ventilation, while maintaining a visual separation with the street.

The product has been well accepted by all parties



Costs

Contest

Building candidate in the category



Coup de Cœur des Internautes

