


Loossens

by Sebastian Moreno-Vacca / 2015-06-25 19:32:08 / Belgique / 10203 / FR

New Construction



Primary energy need :
14.33 kWhep/m².an
(Calculation method : Other)

ENERGY CONSUMPTION

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

Economical building

Energy-intensive building

Building Type : Collective housing < 50m
Construction Year : 2008
Delivery year : 2011
Address 1 - street : Rue Loossens 1080 JETTE, Belgique
Climate zone : [Cfb] Marine Mild Winter, warm summer, no dry season.

Net Floor Area : 212 m² SRE
Construction/refurbishment cost : 528 938 €
Number of Dwelling : 2 Dwelling
Cost/m2 : 2494.99 €/m²

Certifications :



Proposed by :



General information

See more details about this project

<http://a2m.be/jette.html>

Data reliability

3rd part certified

Stakeholders

Contractor

Name : Foyer Jettois

Construction Manager

Name : Falco - Copass

<http://www.copass.be>

Stakeholders

Function : Designer

A2M

Julie Willem

<http://a2m.be/>

Function : Construction company

Copass

Domenico Falconi - Timé Falconi

<http://www.copass.be/>

Energy

Energy consumption

Primary energy need : 14,33 kWh_{ep}/m².an

Primary energy need for standard building : 90,00 kWh_{ep}/m².an

Calculation method : Other

CEEB : 0.0001

Final Energy : 74,54 kWh_{ep}/m².an

Envelope performance

Envelope U-Value : 0,16 W.m⁻².K⁻¹

Building Compactness Coefficient : 1,96

Indicator :

Air Tightness Value : 0,50

Renewables & systems

Systems

Heating system :

- Electric radiator
- Solar thermal

Hot water system :

- Solar Thermal

Cooling system :

- No cooling system

Ventilation system :

- Double flow heat exchanger

Renewable systems :

- Solar photovoltaic
- Solar Thermal

Renewable energy production : 100,00 %

Environment

Urban environment

Land plot area : 140,00 m²

Built-up area : 51,00 %

Green space : 48,00

Products

Product

ESE

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<http://www.ese-solar.com/>

Product category : Génie climatique, électricité / Chauffage, eau chaude

SEFCCO-GENAY

-

<http://www.sefwood.com>

Product category : Second œuvre / Menuiseries extérieures



Costs

Construction and exploitation costs

Renewable energy systems cost : 97 689,00 €

Total cost of the building : 518 849 €

Subsidies : 46 500 €

Health and comfort

Water management

Consumption of harvested rainwater : 10,00 m³

Comfort

Calculated indoor CO₂ concentration :

Ventilation continue + sonde Co₂

Contest

Building candidate in the category



Bâtiment zéro énergie



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