


Private Building in Perlé - Luxembourg

by Claude Lahr / 2016-06-30 00:07:22 / Luxembourg / 10178 / FR

New Construction



Primary energy need :
43.09 kWhep/m².an

(Calculation method : RGD du 30 novembre 2007 - bâtiment d'habitation)

ENERGY CONSUMPTION

Economical building

Building

< 50	A	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 : 2014
Address 1 - street : 25 route d'arlon 8825 PERLÉ, Luxembourg
Climate zone : [Cfb] Marine Mild Winter, warm summer, no dry season.

Net Floor Area : 305 m²
Construction/refurbishment cost : 750 000 €
Number of Dwelling : 1 Dwelling
Cost/m2 : 2459.02 €/m²

General information

Construction of a single family private home in Perlé (Luxembourg)

Data reliability

Assessor

Stakeholders

Stakeholders

Function : Contractor
e2architecture SA
Claude LAHR

Energy

Energy consumption

Primary energy need : 43,09 kWh/m².an

Calculation method : RGD du 30 novembre 2007 - bâtiment d'habitation

Envelope performance

Building Compactness Coefficient : 0,59

Indicator : EN 13829 - n50 » (en 1/h-1)

Air Tightness Value : 0,41

Renewables & systems

Systems

Heating system :

- Condensing gas boiler
- Solar thermal

Hot water system :

- Condensing gas boiler
- Solar Thermal

Cooling system :

- No cooling system

Ventilation system :

- Double flow

Renewable systems :

- Solar Thermal

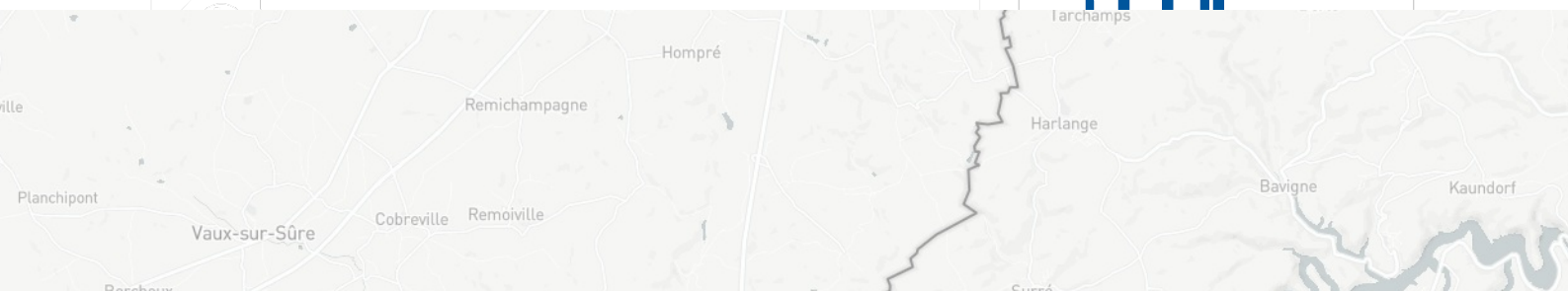
Costs

Urban environment

Perlé is a part of the town of Rambrouch in Luxembourg located in the district of Diekirch and Redange.

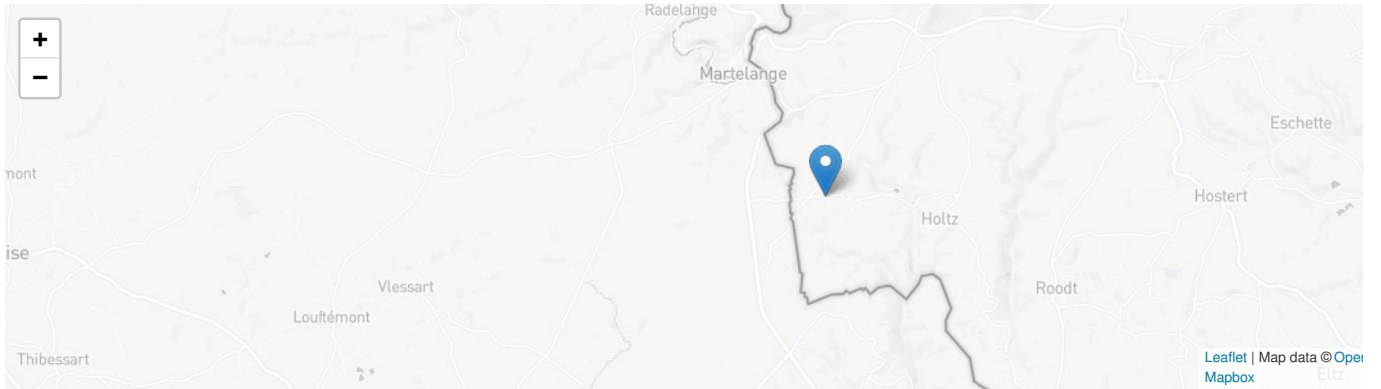
Contest

Building candidate in the category





Coup de Coeur des Internautes



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