Delphi Genetics

by Céline Delaunois / 2015-06-24 16:13:20 / Belgique / 9840 / ⚑ FR

New Construction

Primary energy need :

84 kWhep/m².an

(Calculation method : Other)

ENERGY CONSUMPTION

Economical 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 **A**

Building Type : Office building < 28m
Construction Year : 2012
Delivery year : 2012
Address 1 - street : Rue Antoine de Saint-Exupéry, 5 6041 CHARLEROI, Belgique
Climate zone : [Dfb] Humid Continental Mild Summer, Wet All Year

Net Floor Area : 1 297 m² Superficie útil
Construction/refurbishment cost : 2 500 000 €
Number of Work station : 84 Work station
Cost/m2 : 1927.53 €/m²

Proposed by :

🏢

General information

See more details about this project

↗ http://www.r2d2architecture.be/Projects_207_Delphi/tabid/71/Default.aspx?projid=10&order=1&sortorder=0

Data reliability

Assessor

Stakeholders

Stakeholders

Function : Contractor

Delphi genetics

🔗 http://www.delphigenetics.com

Function : Designer

R2D2 architecture

Szpirer Vincent

🔗 http://www.r2d2architecture.be

Function : Structures calculist

Matriche

🔗 http://www.matriche.net

Energy

Energy consumption

Primary energy need : 84,00 kWhep/m^2.an

Primary energy need for standard building : 120,00 kWhep/m^2.an

Calculation method : Other

Envelope performance

Envelope U-Value : 0,22 W.m^{-2}.K^{-1}

Building Compactness Coefficient : 0,44

Indicator : n50

Air Tightness Value : 0,60

Renewables & systems

Systems

Heating system :
- Heat pump

Hot water system :
- Heat pump

Cooling system :
- Reversible heat pump

Ventilation system :
- Double flow heat exchanger

Renewable systems :
- No renewable energy systems

Products

Product

Gutmann

ph.justin@fabribois.be

[☐ http://www.gutmann.de](http://www.gutmann.de)

Product category : Table 'c21_spain.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'

Sto

info.be@sto.com

[☐ http://www.sto.be](http://www.sto.be)

Product category : Table 'c21_spain.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 = '9'

Costs

Contest

Building candidate in the category

Smart Buildings

Green Building Solutions Awards 2015

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