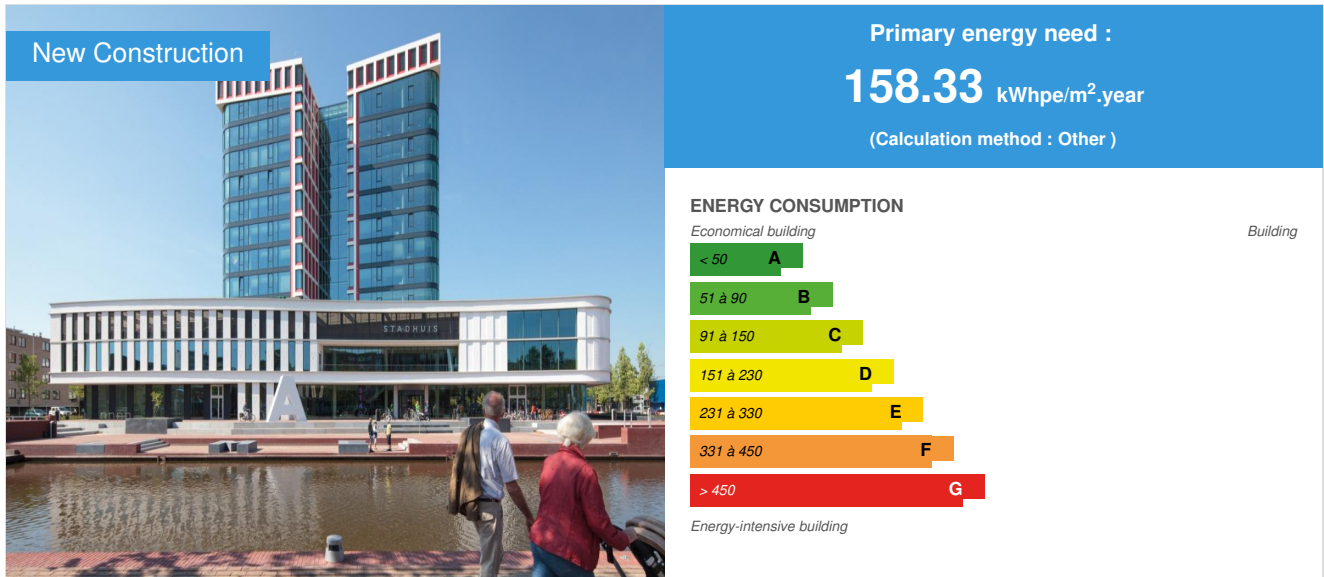


Almelo City Hall

by Sylvain Bosquet / 2016-03-11 15:46:47 / International / 4276 / EN



Building Type : Office building < 28m
Construction Year : 2013
Delivery year : 2015
Address 1 - street : Haven Zuidzijde 30 7607 ALMELO, Netherlands
Climate zone : [Cfb] Marine Mild Winter, warm summer, no dry season.

Net Floor Area : 20 409 m² Other
Construction/refurbishment cost : 58 765 578 €
Cost/m2 : 2879.4 €/m²

Certifications :



Proposed by :



General information

As part of a larger plan to revitalise the city centre of Almelo, the newly built city hall is an example of sustainable construction and modern design. With sustainability as the cornerstone of its design, the building is currently one of the most energy efficient public buildings in the Netherlands. The building received its BREEAM-NL Excellent certification. City Hall Almelo is an interesting example, as it shows that highly sustainable buildings are achievable with current technologies and under very tight budgets.

[See more details about this project](#)

<http://urbanlab.eu/project/city-hall-almelo/>
<http://www.kraaijvanger.nl/en/projects/256/city-hall-almelo/>

Stakeholders

Stakeholders

Function : Contractor

Municipality of Almelo

<http://www.almelo.nl/>

Function : Designer

Kraaijvanger Architects

+31 (0)10 498 92 92 / mail@kraaijvanger.nl

<http://www.kraaijvanger.nl/>

Function : Thermal consultancy agency

ABC Nova

Suzan Makink

<http://www.abcnova.nl/>

Function : Other consultancy agency

Valstar-Simonis

Gino Lambert / Peter van Mierlo

<http://www.valstar-simonis.nl/>

Function : Construction company

Koopmans & J.P. Van Eesteren

info@jpvanesteren.nl

<http://www.jpvanesteren.nl/en>

Energy

Energy consumption

Primary energy need : 158,33 kWhpe/m².year

Primary energy need for standard building : 23,80 kWhpe/m².year

Calculation method : Other

CEEB : -0

Breakdown for energy consumption : Standard office building for heating: 500 MJ/m²

Almelo for heating: 59,3 MJ/m²

Standard of cooling: 70MJ/m²

Almelo for heating 26,4 MJ/m²

Envelope performance

Envelope U-Value : 1,10 W.m⁻².K⁻¹

Renewables & systems

Systems

Heating system :

- Geothermal heat pump

Cooling system :

- Geothermal heat pump

Environment

Urban environment

The new City Hall of Almelo is situated on a new square on the waterside in a green setting.

Products

Product

Ecophon Solo™ Square

Ecophon

<http://www.ecophon.com/uk/products/Free-hanging-units-and-baffles/Solo/Solo--Square/>

Product category : Finishing work / Partitions, insulation

Ecophon Solo Square is an acoustic solution, primarily when it is not possible to install a wall-to-wall ceiling. Solo Square is suitable in buildings where the room volume could be maintained or as an option when TABS (Thermally Activated Building System) is selected as cooling system.

Solo Square is an unframed free hanging unit offering a high degree of design possibilities both regarding colours and suspension systems. The three different suspension systems using Adjustable wire hangers, One-point fixing or Adjust brackets in combination with the engineered Connect Absorber anchor (patent) give opportunities to create several layers and angles.

The Solo Square panel is available in size 1200x1200x40 mm with a weight of 6 kg. The panel is manufactured from high density, 3rd generation glass wool, with Akutex™ FT surface on both sides. The edges are straight cut and painted.



Costs

