New Construction

Primary energy need:

107 kWhpe/m².year

(Calculation method: Other)

ENERGY CONSUMPTION

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Energy Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economical building</td>
<td>≥ 50A</td>
</tr>
<tr>
<td>51 à 90</td>
<td>B</td>
</tr>
<tr>
<td>91 à 150</td>
<td>C</td>
</tr>
<tr>
<td>151 à 230</td>
<td>D</td>
</tr>
<tr>
<td>231 à 330</td>
<td>E</td>
</tr>
<tr>
<td>331 à 450</td>
<td>F</td>
</tr>
<tr>
<td>&gt; 450</td>
<td>G</td>
</tr>
</tbody>
</table>

Energy-intensive building

Building Type: Office building < 28m
Construction Year: 2015
Delivery year: 2015
Address 1 - street: SCIA QUADRA 11 Conjunto 02 Lote “B” 71250-515 BRASÍLIA, DF, Brazil
Climate zone: [Aw] Tropical Wet & Dry with dry winter.

Net Floor Area: 733 m² Superficie útil
**General information**

An office building, designed for ADEMI-DF's new headquarters (Association of Real Estate Market Companies of Brazil Federal District). ADEMI-DF was opened on December 2015. This project, with sustainable solutions, has 733m2 of built area.

**Stakeholders**

**Function**: Contractor

ADEMI-DF

orlandovento@ademidf.com.br

http://www.ademidf.com.br/

**Energy**

**Energy consumption**

Primary energy need: 107,00 kWhpe/m².year

Primary energy need for standard building: 152,00 kWhpe/m².year
Calculation method: Other
Breakdown for energy consumption: 29.21%

Envelope performance

Envelope U-Value: 0.30 W.m$^{-2}$.K$^{-1}$

Renewables & systems

Systems

Heating system:
- No heating system

Hot water system:
- No domestic hot water system

Cooling system:
- VRV Syst. (Variable refrigerant Volume)

Ventilation system:
- Free-cooling

Renewable systems:
- Solar photovoltaic

Environment

Urban environment

Its location is privileged to accessibility both to private vehicles, such as for public mass transit, cyclists and pedestrians, and PNE (with special needs).
Product

High performance glazing for windows

guardian

0800 709 2700

http://www.guardianbrasil.com.br/

Product category: Table

'c21_spain.innov_category' doesn't exist

SELECT one.innov_category AS current,two.innov_category AS parent
FROM innov_category AS one
INNER JOIN innov_category AS two ON one.parent_id = two.id
WHERE one.state=1 AND one.id = '9'

High performance glazing for windows

High performance

Costs

Contest

Building candidate in the category

Energy & Hot Climates