Hotel Ibis

by Hotel Ibis / 2017-06-06 14:00:59 / Maroc / 9149 / FR

Primary energy need :

133 kWhep/m².an

(Calculation method : RTCM)

ENERGY CONSUMPTION

Economical building *Building*

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

Energy-intensive building

Building Type : Hotel, boarding house
Construction Year : 2016
Delivery year : 2017
Address 1 - street : Boulevard BaHmad - Place Sidi Mohamed - 20 000 CASABLANCA - MAROC 20000 CASABLANCA , Maroc
Climate zone : [Csa] Interior Mediterranean - Mild with dry, hot summer.

Net Floor Area : 4 908 m²
Number of Bedroom : 130 Bedroom

Certifications :

General information

Hotel Ibis is a building in R + 5, 130 rooms ?, is located in Casablanca Morocco and has a surface area of 6,000 m².The hotel includes the following services: -sol: 25 places) Associated services

Data reliability

Self-declared

Stakeholders

Stakeholders

Function : Assistance to the Contracting Authority

Bureau Veritas

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http://www.bureauveritas.ma/

Function : Contractor

MOUSSAFIR HOTEL

Amine ECHCHERKI, Tél: +212 5 20 40 10 10

Contracting method

Other methods

Energy

Energy consumption

Primary energy need : 133,00 kWhep/m^2.an

Primary energy need for standard building : 239,00 kWhep/m^2.an

Calculation method : RTCM

Final Energy : 53,00 kWhef/m^2.an

Breakdown for energy consumption :

Heating: 1,2Air conditioning: 6,4Lighting inside: 10Eau Hot Water: 14Ventilation: 21,2

Envelope performance

Envelope U-Value : 0,56 $W.m^{-2}.K^{-1}$

Real final energy consumption

Real final energy consumption/m2 : 53,00 kWhef/m^2.an

Year of the real energy consumption : 2 017

Renewables & systems

Systems

Hot water system :

- Solar Thermal

Renewable systems :

- Solar Thermal

Environment

GHG emissions

GHG in use : 91 730,00 $KgCO_2/m^2/an$

Methodology used :
Dynamic Thermal Simulation

GHG before use : 91 730,00 $KgCO_2 /m^2$

Building lifetime : 50,00 an(s)

, ie xx in use years : 1
HOURS

Costs

Land plot area

Land plot area : 6 000,00 m^2

Built-up area

Built-up area : 81,80 %

Building Environnemental Quality

Building Environmental Quality

- Building flexibility
- indoor air quality and health
- comfort (visual, olfactive, thermal)
- waste management (related to activity)
- energy efficiency
- renewable energies
- maintenance
- mobility
- products and materials

Contest

Building candidate in the category

Coup de Cœur des Internautes

Date Export : 20230708171028