Hostal Spa Empuries, SL

by **HOSTAL EMPURIES** / 🕐 2015-07-08 14:47:33 / Espagne / 👁 12443 / 🏳 ES

Extension + refurbishment

Primary energy need :

82.8 kWhpe/m².year

(Calculation method : Other)

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 : Hotel, boarding house

Construction Year : 2015

Delivery year : 2015

Address 1 - street : Platja Portitxol, s/n 17130 L'ESCALA, España

Climate zone : [Cfc] Marine Cool Winter & summer- Mild with no dry season.

Net Floor Area : 1 900 m² SHON

Construction/refurbishment cost : 6 000 000 €

Number of Bedroom : 53 Bedroom

Cost/m2 : 3157.89 €/m^2

Certifications :

Dear collaborators,

We are pleased to be able to present our Hostal through the platform provided to us by these internationally recognized awards.

The Hostal Spa Empúries is much more than a hotel enterprise: it is a **personal commitment**. Our commitment is based on respect for nature, the environment and for human beings.

We treat our clients with a dedication to service, responding to the need to get our message of respect across to them, as we strive to offer service centred on a quest for excellence.

At Hostal Spa Empúries we manage our legacy so as to ensure the finest experiences for all our clients, while guaranteeing the highest quality for future generations.

So as to better develop our task, we have chosen the most advanced tools to date in helping plan the majority of our actions. We refer here to the sustainable architecture certificate **LEED**, and to **Cradle to Cradle,** which is used to analyze and efficiently manage material and energy resources.

The expansion and rehabilitation of the Hostal Spa Empúries has been undertaken with the idea of ensuring a new building essential for our future. This is why we feel obliged to opt for materials that can be transformed into primary resources, so as to produce new materials with the same use value.

For these reasons we most favourably support the inclusion of our Hostal in the **Green Building Solutions Awards 2015.**

See more details about this project

[↗ http://www.hostalempuries.com](http://www.hostalempuries.com)

Data reliability

3rd part certified

[↗ http//www.hostalempuries.com](http//www.hostalempuries.com)

Stakeholders

Stakeholders

Function : Contractor

Guillermo Arquer

guillermo.arquer@hostalempuries.com

Function : Designer

Francesco Ranocchi

aw@awarquitectes.com

Function : Designer

Pilar Libano

pilar@plibano.com

Function : Construction Manager

Manolo Botillo

manuelbotillo@gmail.com

Function : Construction Manager

Robert Guardia (Aparejador)

robert.guardia@gmail.com

Energy

Energy consumption

Primary energy need : 82,80 kWhpe/m^2.year

Primary energy need for standard building : 131,27 kWhpe/m^2.year

Calculation method : Other

Initial consumption : 325,00 kWhpe/m^2.year

Envelope performance

Envelope U-Value : 0,60 W.m^{-2}.K^{-1}

Indicator : HE1 BD

Renewables & systems

Systems

Heating system :
- Gas boiler
- Others
- Radiant ceiling
- Fan coil

Hot water system :
- Gas boiler
- Solar Thermal

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

Ventilation system :
- Natural ventilation
- humidity sensitive Air Handling Unit (hygro A

Renewable systems :
- Solar photovoltaic
- Solar Thermal

Renewable energy production : 30,00 %

Environment

Water management

Consumption from water network : 7,40 m^3

Water Consumption/Bedroom : 0.14

Products

Product

ytong

ramon.fluvia@xella.com

☑ http://www.ytong.es/

Product category :

Proyecta

Rosa Gres

☑ http://rosagres.com

Product category :

Deplosun

Espacio solar

☑ http://espaciosolar.com/

Product category :

Costs

Construction and exploitation costs

Subsidies : 900 €

Energy bill

Forecasted energy bill/year : 101 000,00 €
Real energy cost/m2 : 53.16
Real energy cost/Bedroom : 1905.66

Land plot area

Land plot area : 8 130,00 m^2

Built-up area

Built-up area : 23,00 %

Green space

Green space : 6 230,00

Building Environnemental Quality

Building Environmental Quality

- Building flexibility
- indoor air quality and health
- biodiversity
- works (including waste management)
- acoustics
- comfort (visual, olfactive, thermal)
- waste management (related to activity)
- water management
- energy efficiency
- renewable energies
- maintenance

- integration in the land
- building process
- products and materials

Building candidate in the category

Rehabilitaciones energéticas

Green Building
Solutions Awards 2015
powered by Construction21

Date Export : 20230607220200