

# Certificate

Certified Passive House Classic



**ENERGIEHAUS**  
EDIFICIOS PASIVOS

Authorised  
by:



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## HOTEL GALICIA COLÓN 11, 36201 VIGO, ES-España



Client	RÚA COLÓN 11 S.L. VIGO, España
Architect	LEONARDO LLAMAS ÁLVAREZ AVENIDA DE LA HABANA 57, OFICINA A 32004 OURENSE, España
Building Services	HUME INGENIERÍA ALFREDO VICENTI 23 15004 A CORUÑA, España
Energy Consultant	LEONARDO LLAMAS ÁLVAREZ AVENIDA DE LA HABANA 57, OFICINA A 32004 OURENSE, España

Passive House buildings offer excellent thermal comfort and very good air quality all year round. Due to their high energy efficiency, energy costs as well as greenhouse gas emissions are extremely low.

The design of the above-mentioned building meets the criteria defined by the Passive House Institute for the 'Passive House Classic' standard:

Building quality		This building	Criteria	Alternative criteria
<b>Heating</b>	Heating demand [kWh/(m <sup>2</sup> a)]	<b>13</b>	≤ 15	-
	Heating load [W/m <sup>2</sup> ]	<b>9</b>	≤ -	10
<b>Cooling</b>	Cooling + dehumidification demand [kWh/(m <sup>2</sup> a)]	<b>5</b>	≤ 15	15
	Cooling load [W/m <sup>2</sup> ]	<b>6</b>	≤ -	10
<b>Airtightness</b>	Pressurization test result (n <sub>50</sub> ) [1/h]	<b>0,4</b>	≤ 0,6	
<b>Non-renewable primary energy (PE)</b>	PE demand [kWh/(m <sup>2</sup> a)]	<b>95</b>	≤ 120	

The associated certification booklet contains more characteristic values for this building.

Barcelona, 12 de noviembre de 2019

Certifier: Martín Amado Pousa, Energiehaus Arquitectos SLP