

Certificate

Certified Passive House Component

For cool temperate climates, valid until 31. December 2015

Passive House Institute
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Category: **Wall System**
Manufacturer: **JUB d.o.o.**
Dol pri Ljubljani 28, 1262 Dol pri Ljubljani, Slovenia
Product name: **JUBIZOL PASSIVE**

This certificate was awarded based on the following criteria:

Heat transfer coefficient of building envelope:

$$f * U_{opaque} \leq 0.15 \text{ W}/(\text{m}^2\text{K})$$

with f: temperature reduction factor

Thermal bridge free design:

$$\Psi_e \leq 0.01 \text{ W}/(\text{mK}) \text{ for key connection details}$$

with Ψ_e : linear heat transfer coefficient

$$U_{w, \text{standard window, installed}} \leq 0.85 \text{ W}/(\text{m}^2\text{K})$$

with standard window: width 1.23 m; height 1.48 m

Interior surface temperatures minimum 17°C

at $\vartheta_{\text{ext}} = -10^\circ\text{C}$ und $\vartheta_{\text{int}} = 20^\circ\text{C}$

Airtightness of all components and connection details is provided

Certified connection details as per the certification report are listed below:

(Enumeration of thermal bridge free connections)

Base: A3-09, A3-10, A3-11, A3-12a

Outer Wall: A3-05, A3-07, A3-08

Roof: A3-02, A3-03, A3-04

Windows: A3-14, A3-15, A3-16, A3-17, A3-18, A3-19, A3-20, A3-21, A3-22, A3-23

