Certificate

Certified Passive House Component for cool, temperate climate, valid until 31.12.2024

Category: Manufacturer:

Product name:

Attic staircase FAKRO Sp. z o.o. 33-300 Nowy Sacz, POLAND LWT

This certificate was awarded based on the following criteria:

A given component size of 1.40 m by 0.70 m results in:

U_D = 0.51 W/(m²K) ≤ $1.00 \text{ W}/(\text{m}^2\text{K})$

≤

2

0.70

Taking the installation situations into account, the component meets the following criterion.

U_{D.installed}

Functional requirements of hygiene:

 $f_{Rsi} = 0.25 \text{ m}^2 \text{K/W}$

Following thermal bridge coefficients Ψ [W/(mK)] have been determined:

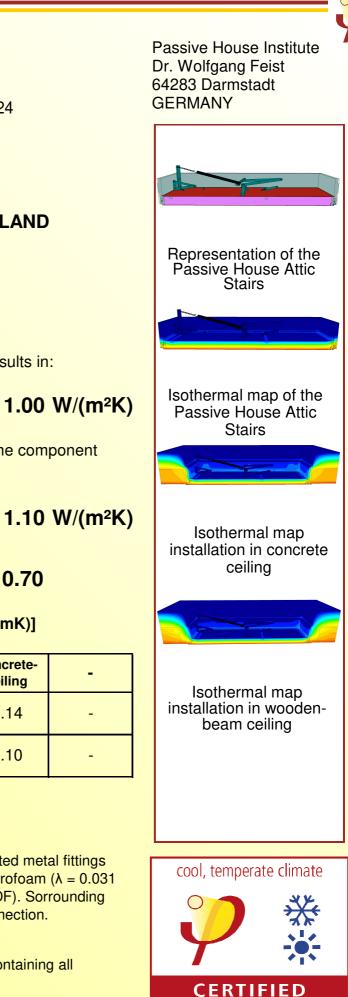
	Wooden- beam ceiling	Concrete- ceiling	-
Thermal bridge coefficient Ψ [W/(mK)]	0.10	0.14	-
U _{D,installed} [W/(m²K)]	0.93	1.10	-

Description

Attic stairs made of pinewood with thermally seperated metal fittings and 3 sealing-levels (EPDM). Attic stair hatch of Styrofoam ($\lambda = 0.031$ W/mK) with a coating of high density fibreboard (HDF). Sorrounding insulation ($\lambda = 0.035$ W/mK) to ceiling structure connection.

Please ask the manufacturer for a detailed report containing all calculations and results.

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COMPONENT

Passive House Institute

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