

CERTIFICATE

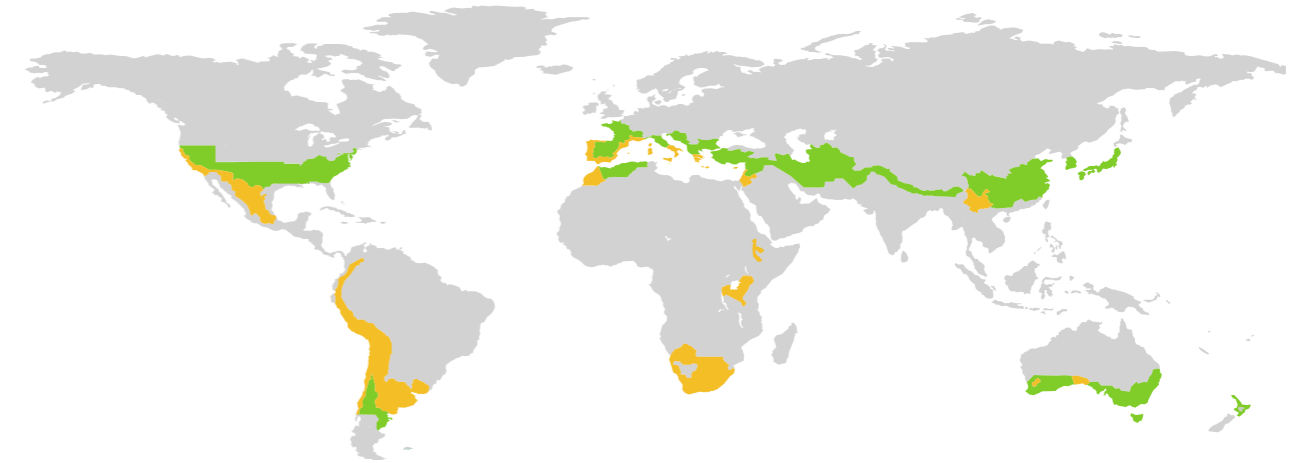
Certified Passive House Component

ID: 1426rc04 valid until 31. December 2025

Passive House Institute
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Additional thermal bridges

Name	Thermal bridge	f_{Rsi}	Description
RWBO/TO/SI 02	$\Psi = 0,209 \text{ W}/(\text{mK})$	0,84	Skylight variant 02
ROEJ 01	$\Psi = -0,071 \text{ W}/(\text{mK})$	0,95	Roof expansion joint 01
ROEJ 02	$\Psi = -0,055 \text{ W}/(\text{mK})$	0,98	Roof expansion joint 02



Category	Roof system Solid construction with EIFS
Manufacturer	VEDAG (China) Trade Co. Ltd. 200122 Shanghai CHINA
Product name	Passive House Roof System

This certificate for the warm, temperate climate zone was awarded based on the following criteria

Hygiene criterion

The minimum temperature factor of the interior surfaces is $f_{Rsi=0,25\text{m}^2\text{K}/\text{W}} \geq 0,65$

Comfort criterion

The U-value of the installed windows is $U_{W,i} \leq 1,05 \text{ W}/(\text{m}^2\text{K})$

Efficiency criteria

Heat transfer coefficient of building envelope $U \cdot f_{PHI} \leq 0,30 \text{ W}/(\text{m}^2\text{K})$

Temperature factor of opaque junctions $f_{Rsi=0,25\text{m}^2\text{K}/\text{W}} \geq 0,82$

Thermal bridge-free design for key connection details $\Psi \leq 0,01 \text{ W}/(\text{mK})$

An airtightness concept for all components and connection details was provided

warm, temperate climate



**CERTIFIED
COMPONENT**

Passive House Institute

