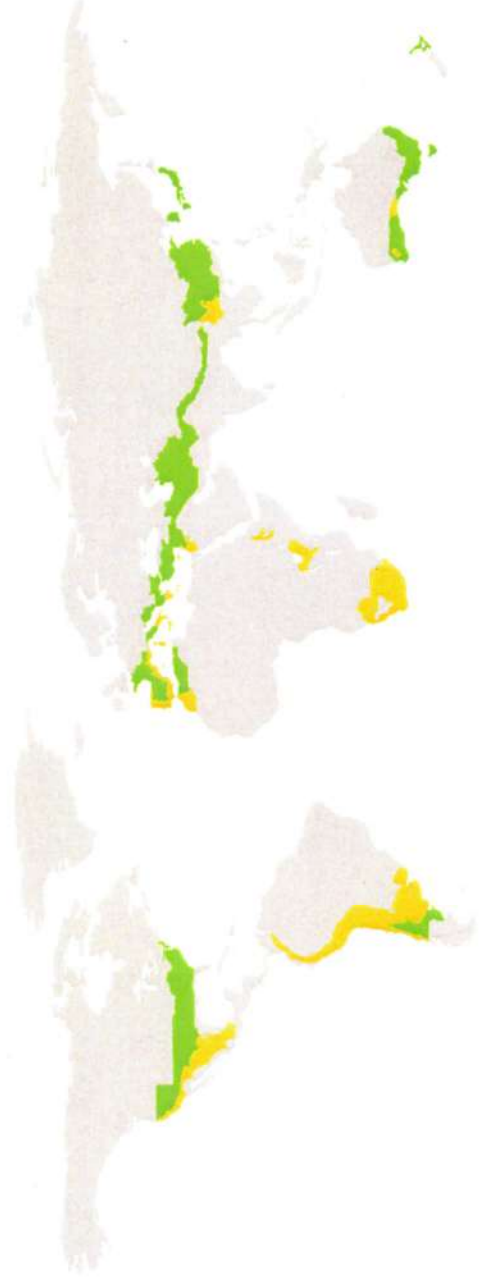


CERTIFICATE

Certified Passive House Component

ID: 1809cs04 valid until 31. December 2025

Passive House Institute
Dr. Wolfgang Feist
64342 Darmstadt
GERMANY



Category
Manufacturer

Construction system | Lightweight timber Construction
Gaiga & Gaiga Top Natural House
Selva di Progno (VR)
Italy

Product name

Strawblock System Gaiga and Gaiga

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

$$f_{Rsi=0,25m^2K/W} \geq 0,65$$

Comfort criterion

The U-value of the installed windows is

$$U_{w,i} \leq 1,05 \text{ W/(m}^2\text{K)}$$

Efficiency criteria

Heat transfer coefficient of building envelope

$$U^*f_{PHI} \leq 0,30 \text{ W/(m}^2\text{K)}$$

Temperature factor of opaque junctions

$$f_{Rsi=0,25m^2K/W} \geq 0,82$$

Thermal bridge free design for key connection details

$$\psi \leq 0,01 \text{ W/(m}^2\text{K)}$$

An airtightness concept for all components and connection details was provided.

warm, temperate climate

www.passivehouse.com

