

# CERTIFICATE

Certified Passive House Component

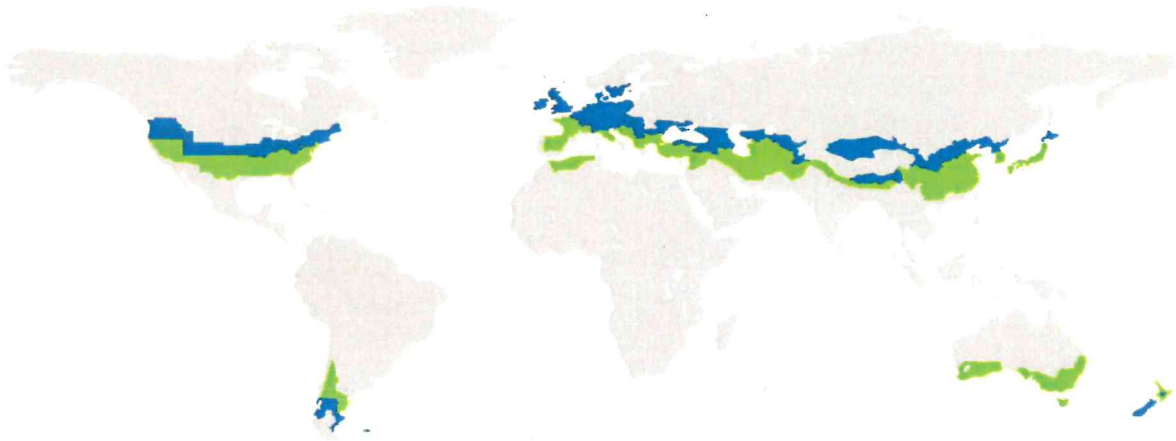
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Passive House Institute

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Category	<b>Construction system   Insulated formwork blocks</b>
Manufacturer	<b>Izodom 2000 Polska Zduńska Wola Poland</b>
Product name	<b>Izodom Complete Passive System</b>

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

## Hygiene criterion

The minimum temperature factor of the interior surfaces is

$$f_{R_{si}=0,25m^2K/W} \geq 0,70$$

## Comfort criterion

The U-value of the installed windows is

$$U_{W,i} \leq 0,85 \text{ W}/(\text{m}^2\text{K})$$

## Efficiency criteria

Heat transfer coefficient of building envelope

$$U^*f_{PHI} \leq 0,15 \text{ W}/(\text{m}^2\text{K})$$

Temperature factor of opaque junctions

$$f_{R_{si}=0,25m^2K/W} \geq 0,86$$

Thermal bridge-free design for key connection details

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

An airtightness concept for all components and connection details was provided

cool, temperate climate



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