Certificate

Certified Passive House component
For cool temperate climates, valid until 31 December 2025

Passive House Institute
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Category: **Floor Slab System**
Manufacturer: **Deutsche FOAMGLAS GmbH**
40724 Hilden, GERMANY
Product name: **PC® PERISAVE SYSTEM - Foamglaspassivhausdämmung**

This certificate was awarded based on the following criteria:

Heat transfer coefficient of building envelope:

$f * U_{opaque} \leq 0.15$ W/(m²K)
with f: temperature reduction factor

Thermal bridge free design:

$\Psi_e \leq 0.01$ W/(mK) for key connection details
with Ψ_e: linear heat transfer coefficient

$U_{w,standard\ window,\ installed} \leq 0.85$ W/(m²K)
with standard window: width 1.23 m; height 1.48 m

Interior surface temperatures above 17℃
at ϑ_{ext} = -10℃ und ϑ_{int} = 20℃

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

Having fulfilled all certification criteria, „PC® PERISAVE SYSTEM – Foamglaspassivhausdämmung“ has been certified as Passive House suitable for the following connection details:

- Plinth detail 1: heated basement
- Plinth detail 2.1: slab on grade (masonry wall)
- Plinth detail 2.2: slab on grade (concrete wall)
- Plinth detail 4: timber frame construction
- Plinth detail 5: cavity wall

CERTIFIED COMPONENT
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