

Certificate

Certified Passive House component

For cool temperate climates, valid until 31 December 2015

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
GERMANY



Category: **Wall System**

Manufacturer: **DAW SE**

Geschäftsbereich Caparol

64372 Ober-Ramstadt, GERMANY

Product name: **Capatect-WDVS für Passivhaus-Bauweise**

This certificate was awarded based on the following criteria:

Heat transfer coefficient of building envelope:

$$f * U_{\text{opaque}} \leq 0.15 \text{ W}/(\text{m}^2\text{K})$$

with f: temperature reduction factor

Thermal bridge free design:

$$\Psi_e \leq 0.01 \text{ W}/(\text{mK}) \text{ for key connection details}$$

with Ψ_e : linear heat transfer coefficient

$$U_{\text{w,standard window, installed}} \leq 0.85 \text{ W}/(\text{m}^2\text{K})$$

with standard window: width 1.23 m; height 1.48 m

Interior surface temperatures above 17°C

at $\vartheta_{\text{ext}} = -10^\circ\text{C}$ und $\vartheta_{\text{int}} = 20^\circ\text{C}$

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

Foundation/

exterior wall: ct-p-20-01, ct-p-20-02, ct-p-20-03

Exterior wall: ct-p-30-01, ct-p-30-03, ct-p-20-04

Roof: ct-p-50-01, ct-p-60-01, ct-p-60-02

Windows: ct-p-40-01, ct-p-40-02, ct-p-40-03, ct-p-40-04

