

CERTIFICATE

PASSIVE HOUSE TRADESPERSON

Valid until 01 March 2017

Passivhaus Institut
Dr. Wolfgang Feist
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This certification is issued by the Passive House Institute for the successful passing of the examination according to the Examination Regulations of 1 January 2012, taken on 01 February 2012 in Passive Town with Passive Education Ltd. focussing on:

Building Envelope Building Service

The learning targets of the certification scheme are listed on the reverse side of this document.

**CERTIFIED
PASSIVE HOUSE
TRADESPERSON**



The holder of this certificate is entitled to the use of the adjacent seal in connection with his professional activities. He is hereby listed as a Certified Passive House Tradesperson.

Darmstadt, 01 March 2012

Prof. Dr. Wolfgang Feist

Additionally, the holder has successfully participated in a 24-hour practice-orientated further education programme including exam, organised by Passive Education Ltd.

This certificate does not take the place of basic professional training or any required construction authorisation.

A Passive House is a building, in which thermal comfort (*ISO 7730*) can be provided solely by post-heating or post-cooling of the fresh air flow which is required for good indoor air quality (*DIN 1946*) - without using re-circulated air in addition. *{Definition}*

Certified Passive House Tradesperson - Specialisation: Building Envelope

Excerpt from the catalogue of learning objectives:

General principles for the Passive House

- Passive House criteria
- The 5 basic principles for the Passive House
- Building physics and ecology
- Thermal insulation
- Thermal bridges
- Airtightness
- Windows
- Refurbishment
- Construction process and quality assurance
- Economic efficiency

Specialisation regarding the building envelope

- Insulated constructions
- Thermal bridge free construction
- Airtight building envelope
- Windows and other transparent building components
- Summer comfort
- Refurbishment using Passive House components

Basic principles for building services

Provision of fundamental information regarding ventilation and heating supply in the Passive House

The full version of the catalogue of learning objectives and further information about the course can be found at **www.passivehouse-trades.org**.