

Certificate

Passive House Tradesperson



Dr. Wolfgang Feist
64283 Darmstadt
Germany
www.passivehouse.com

Valid until 20th April 2026

Evgeniy Astahin

Date of birth: 21st July 1972

is entitled to use the seal below during the five year validity of the certificate and is listed during this period in the list of Certified Passive House Tradespersons at www.passivehouse-tradesperson.org

The qualification was obtained according to the valid examination regulations

at: **Passive House Institute Russia Ltd. / Elokhov, Aleksandr**

in: **Moskau, Russia**

The qualification has the following specialisation(s):

Building Envelope Building Services



Darmstadt, 20th April 2021

A handwritten signature in blue ink that reads 'Wolfgang Feist'.

Prof. Dr. Wolfgang Feist

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 airflow which is required for good indoor air quality [DIN 1946] - without using additional recirculated air.

{Definition}

Certified Passive House Tradesperson - Specialisation Building Services

General principles / Passive House Basics

- Passive House criteria
- The 5 basic Passive Houses principles
- Building physics and ecology
- Airtightness
- Construction process and quality assurance
- Economic aspects

Specialisation - Building Services

Ventilation

- Basic principles
- Controlled ventilation with heat recovery
- Supply air heating in Passive House buildings
- Commissioning

Heat Supply

- Heat generation and distribution in Passive House buildings
- Implementation details
- Special aspects of refurbishments

Basic principles - Building Envelope

Provision of basic knowledge regarding thermal insulation, thermal bridges and windows.

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