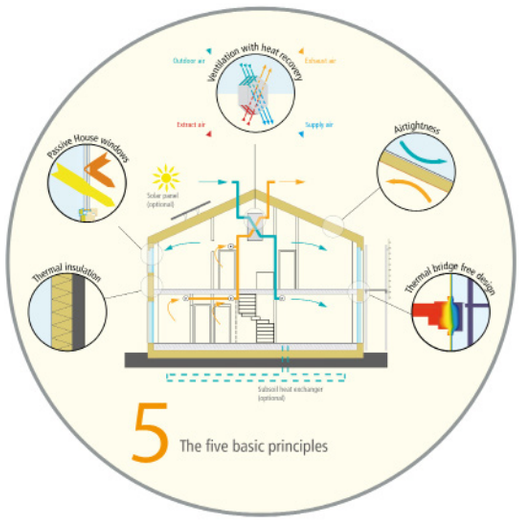
Passive House

Passive House buildings are characterised by particularly high levels of comfort with very low energy consumption. This is achieved primarily through the use of Passive House components (e.g. Passive House windows, insulation, heat recovery). From the outside, Passive House buildings do not differ from conventional buildings, because "Passive House" means a standard and not a particular type of construction.



More information can be found at:
www.passivehouse.com

Information and contact

Please contact us for a quote for consultancy and/or certification at:

building.certification@passiv.de

Detailed information can be found online in our "Building Certification Guide":
www.passivehouse.com > Certification > Buildings > Building Certification Guide

Passive House Institute
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Passipedia - The Passive House Resource
www.passipedia.org

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Passive House Certification

Certified Passive House
Passive House Institute

EnerPHit Certified Retrofit
Passive House Institute

Quality assured!

Energy standards

for new buildings, retrofits and "specific" cases

Certified Passive House – Passive House Institute – classic | plus | premium

EnerPHit – Certified Retrofit – Passive House Institute – classic | plus | premium

PHI Low Energy Building

Advantages

Quality assured!

for the owner

Excellent levels of comfort in every season of the year

Up to 90 % heating/cooling energy savings

Passive House buildings are eligible for subsidies in many countries/regions

Certainty that the agreed-upon energy standard will actually be achieved

Increase in property value through independent quality assessment

for the Designer

Prevention of errors due to thorough external checking of planning prior to the start of construction

Recognition as a Certified Passive House Designer is possible by submitting a certified building

Acquire knowledge during planning through external consulting

Procedure

The Passive House Institute and its accredited Certifiers offer assistance during the planning and the implementation of Passive House and EnerPHit projects.

We strongly recommend that you contact the Certifier at an early stage of the planning as the certifier can identify any problems in the construction project and can easily remedy these at this stage. However, in general, certification can also be applied for after the building has been completed.

The certification procedure typically consists of the following phases:

- initial check - at the start of the project
- preliminary review - design phase
- design stage review - before the start of the construction work
- final review - after completion of the construction work

If all Criteria have been fulfilled, the building owner will receive the following:

- the certificate
- a supplementary booklet with documentation of the energy balance calculation and all relevant characteristic values of the building
- a wall plaque (optional)

The certification procedure is simplified and speeded up by the online certification platform of the Passive House Institute.

Details can be found at: **www.passivehouse.com**

Consulting and energy balance calculation

Passive House project planning is an important part of the planning for a building. The most important tool for this purpose is the Passive House Planning Package (PHPP). The building's energy balance and annual demands are calculated with it. The PHPP model shows exactly which measures will have to be planned and implemented to achieve the Passive House or EnerPHit Standard.

The design planning and execution planning together with the PHPP calculation are then submitted to the Certifier for checking.

Depending on the expertise of the planning team, the Passive House Institute provides consultancy services relating to energy-relevant issues for the planning and implementation of your project. The ranges of services provided can be agreed upon on an individual basis.

Criteria

The Passive House Criteria were defined by the Passive House Institute 20 years ago. They precisely define the different requirements which a building must fulfil in order to achieve the highly efficient Passive House Standard.

The Criteria for the Passive House, EnerPHit and PHI-Low Energy Building standards can be found at:

www.passivehouse.com > Certification > Buildings