



Passive House Building Certification Program

Passive House is a simple, yet effective, high performance energy standard. Buildings can be certified under three levels of certification: Passive House, EnerPHit and PHI Low Energy.

For a building to be certified as a Passive House, it must meet the following three criteria:

| | Maximum | Influenced by biofilter |
|-----------------------------|--------------------------|-------------------------|
| Space Heating Demand | 15 kWh/m ² a | ✓ |
| Pressurization Test Result | 0.6 ACH @ 50 Pa | ✓ |
| Total Primary Energy Demand | 120 kWh/m ² a | ✓ |

A living wall biofilter can achieve an extremely high level of indoor air quality while allowing an extremely low level of air exchange. This contributes to all three of the Passive House criteria.