

EnerPHit® & Retrofit Explained

EnerPHit® is a building standard developed by the Passivhaus® Institute specifically for retrofit projects. In the context of retrofit in the UK, EnerPHit® provides a comprehensive framework to transform existing buildings into energy-efficient and sustainable structures.

EnerPHit® sets ambitious performance targets for retrofitted buildings, aiming to achieve the same level of energy efficiency and comfort as new Passivhaus® constructions. It focuses on improving the thermal envelope, minimizing thermal bridges, optimizing ventilation, and reducing energy demand through advanced insulation and airtightness measures.

To meet EnerPHit® standards, retrofit projects in the UK typically involve a thorough energy assessment, detailed planning, and implementation of targeted measures tailored to the specific building. These measures may include external wall insulation, upgraded windows and doors, efficient heating and cooling systems, and ventilation with heat recovery.

By adhering to EnerPHit® principles, retrofitted buildings in the UK can significantly reduce energy consumption, lower carbon emissions, improve indoor air quality, and enhance occupant comfort. The adoption of EnerPHit® in retrofit projects reflects the UK's commitment to sustainable construction practices and the transition towards a low-carbon future.