

EC04

EC04 is a term used in the UK house building and retrofit sectors to refer to a specific energy efficiency measure or standard. It is part of the broader framework of energy conservation and sustainability practices aimed at reducing the carbon footprint of buildings and improving their overall energy performance.

EC04 refers to a set of guidelines or requirements that focus on enhancing the energy efficiency of residential buildings. These guidelines may include measures such as improved insulation, energy-efficient windows and doors, and the use of renewable energy sources. The goal of EC04 is to ensure that new and existing homes meet certain energy performance standards, thereby reducing energy consumption and greenhouse gas emissions.

The EC04 standard is designed to help builders and retrofit professionals implement energy-saving measures in residential properties. This can involve a range of activities, from upgrading insulation in walls, roofs, and floors to installing high-performance glazing and energy-efficient heating systems. By adhering to EC04 guidelines, builders can create homes that are more comfortable, cost-effective to run, and environmentally friendly.

A practical example of EC04 in action could be a retrofit project in a typical UK semi-detached house. The project might involve adding cavity wall insulation, upgrading the loft insulation, and replacing old single-glazed windows with double-glazed units. Additionally, the installation of a solar photovoltaic (PV) system on the roof could provide renewable energy, further reducing the home's reliance on fossil fuels. By following EC04 guidelines, the homeowner can achieve significant energy savings and lower their carbon footprint.