



Your new low-energy home



**Taylor**  
**Wimpey**



# Welcome to your new home

Your new home has been designed and built with energy-efficient features throughout, from the external materials to the appliances in your kitchen. Learn more about what's included, why we're building low-energy homes and how we're following the new building regulations. By choosing a Taylor Wimpey home, you're helping to create a positive impact on the planet.



## Features of an energy-efficient home

At Taylor Wimpey, we are determined to help reduce our carbon footprint and create positive change. To do this, we're building high quality, energy-efficient homes using sustainable materials and ways of working.

In accordance with the new building regulations, your Taylor Wimpey home includes a number of features that will help you reduce your energy consumption and your energy bills.

## The benefits to you

These regulations mean our homes are built with energy-efficient features throughout, which will help you to cut your bills without compromising on comfort and quality.

Your new home includes things like triple glazing\* and improved insulation to keep you warmer for longer, better ventilation to keep your air supply fresh and reduce humidity, and solar panels\* to provide an alternative, renewable source of energy. As well as waste water heat recovery, designed to lower your energy usage and bills.



\*Selected plots only



# Features you might find in your new home

Your new home will include a variety of energy-efficient features to help you save energy and reduce your carbon footprint.



Scan the QR code for an interactive experience



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## Waste water heat recovery

*Uses heat from waste water to save energy.*

Waste water heat recovery takes heat from the water that goes down the drain when you shower and uses that heat to pre-warm cold water from the mains via a heat exchanger (pipe) system.

The system can increase the temperature of mains cold water by up to 15 degrees, meaning less energy is needed to heat the water you use, which in turn lowers emissions and energy bills.

A waste water heat recovery system has no moving parts and there is no additional maintenance than you'd expect for a normal drainage system.

## Thermal lintel

*A load bearing beam placed across doors and windows designed to reduce heat loss.*

Lintels are beams, typically made of steel, which are placed above windows and doors to support load from above. Thermal lintels are up to five times more thermally efficient than a steel lintel. They have an integrated polymer isolator, which helps to prevent heat escaping from the inside of your home to the outside. This helps to increase the energy efficiency of your home.

We use triple glazed windows to deliver maximum heat retention. They are more energy efficient than double glazed, as they use three panes of glass to reflect more heat back into your home to prevent it from escaping outside.



## Triple glazing\*

*Uses three layers of glass to deliver maximum heat retention.*

Triple glazed windows use three panes of glass to reflect more heat back into your home and prevent it from escaping. In addition to the meaningful thermal benefits, triple glazing also helps reduce the risk of overheating which in turn adds to comfort levels in the home. The introduction of triple glazing is seen as a real benefit for customers and is uncommon in new build homes at present.



## Solar panels

*Convert sunlight into electricity for the home.*

Solar photovoltaic (PV) systems are integrated into the roof to provide a renewable source of energy generation. Low maintenance and with no moving parts, the solar PV panels will generate a proportion of the home's electricity requirements, reducing its energy demand and reliance on the national energy grid.



## Electric charging point

*Optimising charging at home.*

As more people charge their electric cars at home, smart home chargers are a way to tackle new energy related challenges that will arise for drivers and networks.

Each home is individual and will have specific technology and materials, please speak to our Sales Executive for further information.

This image shows a typical Taylor Wimpey home and may include optional upgrades at an additional cost.

\*Selected homes only.



# Playing our part in building a better future

Together, we can all make a difference. The government is setting ambitious goals for a greener future, aiming for net-zero carbon emissions by 2050. Energy-efficient homes are a major way to achieve this, and we committed to building them.

By building new, low-energy homes, we can reduce the amount of fuel we need in our daily lives. By reducing the amount of fuel, we can reduce each home's carbon emissions and reduce emissions nationwide. Modern technology and renewable fuel sources like solar power, wind power, and nuclear power are supporting sustainable developments and helping the industry to make really exciting progress.





**To find out more about our energy-efficient homes, scan the QR code below**



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[www.taylorwimpey.co.uk](http://www.taylorwimpey.co.uk)