



Fabric first  
Energy efficiency  
Renewable energy

## Here's how we do it.

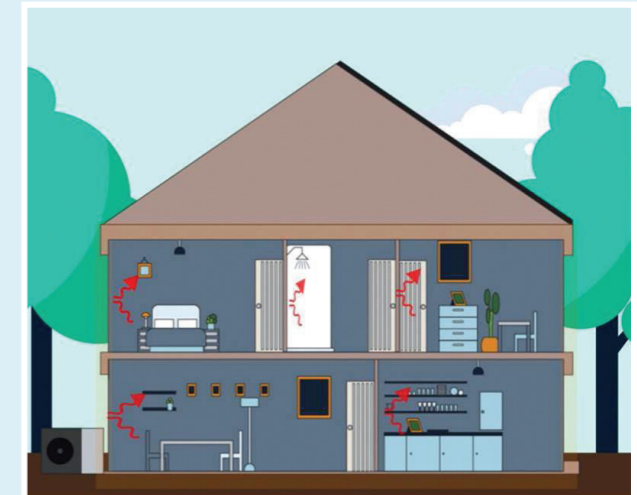
ilke Homes is able to achieve the ZERO bills specification by:

- > **Fabric:** walls, floors and roofs are highly insulated, while all windows and doors are airtight to retain heat and stop draughts. Being manufactured in a factory - as opposed to on site - results in a higher quality output
- > **Efficiency:** highly efficient LED lighting that uses less than a quarter of the energy of a halogen bulb is incorporated into the design, as well efficient water fittings and ventilation systems
- > **Renewable energy:** fossil-fuel gas boilers are replaced by low-carbon air source heat pumps that use a third of the energy. In addition, solar panels, which can now cost less than traditional roof tiles, generate more electricity than a house requires, providing free energy for consumers and income from exported electricity.
- > **Battery technology, smart controls and smart energy tariff.**



### Energy efficiency.

Efficient lighting, ventilation, water fittings and appliances.



### Fabric first.

Super-insulated walls, floors and loft.

