PART L 2026: COMPLIANCE RECIPE

Your standardised fabric specification for Future Homes compliance in ***timber frame construction.***

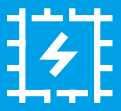
KNAUFINSULATION

Build on us.

Your standardised recipe for Future Homes compliance

Introduced in March 2026, the Future Homes Standard sets tighter requirements for the design and construction of new homes in England. The standard aims to ensure they are energy efficient and produce significantly lower carbon emissions than existing homes.

Under the Future Homes Standard, your homes must meet or exceed three targets:



Target Fabric Energy Efficiency Rate (TFEE)
Fabric thermal performance target

Target Emission Rate (TER)
Operational CO_2 target

Target Primary Energy Rate (TPER)
Total primary energy use target

The TER and TPER can both be achieved with measures like PV and low-carbon heating, but the TFEE can only be met by using insulation.

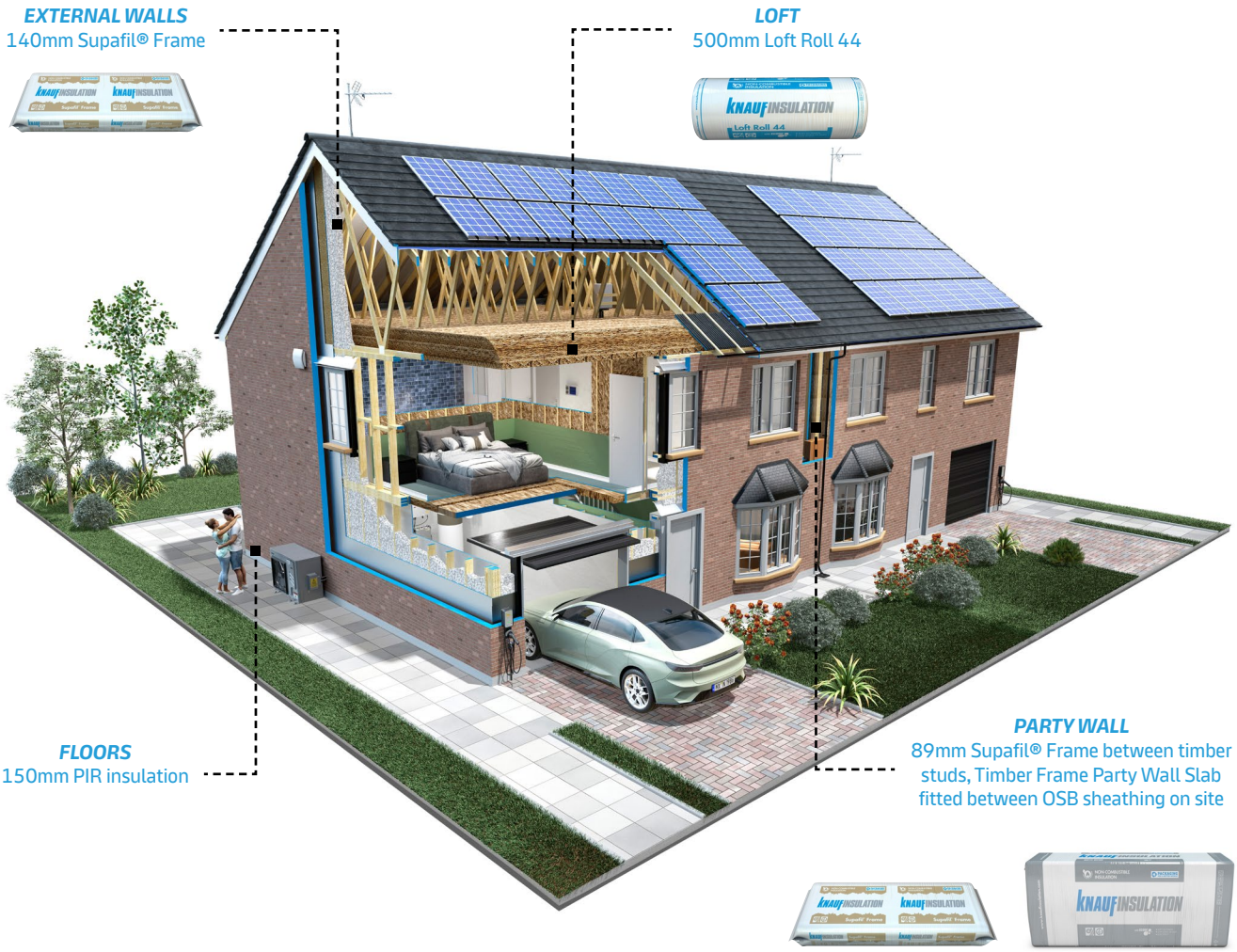
MEETING THE TFEE RATE WITH MINERAL WOOL INSULATION

We have developed a standardised fabric specification that will meet the TFEE rate for most house types, so you can specify with confidence.

This route to compliance helps to optimise your design for thermal, acoustic, and fire safety performance. And you can use the same recipe for every plot in a development, supporting on-site efficiency, reduced costs, and supply chain simplicity.

Keep reading to discover your built or blown-in fabric recipe.

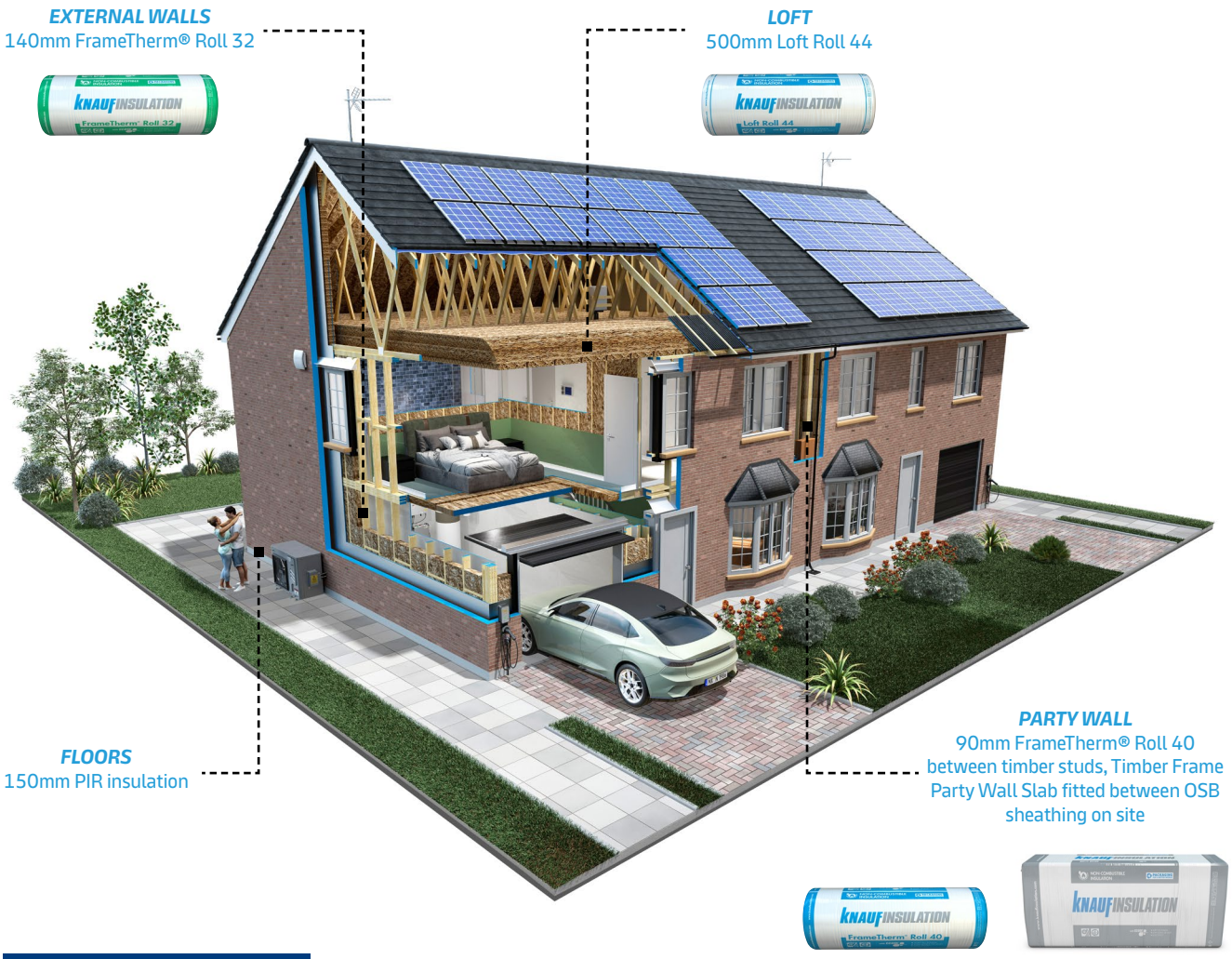
Your optimised compliance recipe:
Timber frame construction



ON-SITE BLOWN-IN

Fabric	Openings	Heating	Ventilation
LOFT 500mm Loft Roll 44 ***EXTERNAL WALLS*** 140mm Supafil® Frame ***PARTY WALL INSULATION*** 89mm Supafil® Frame between timber studs, Timber Frame Party Wall Slab fitted between OSB sheathing on site ***FLOOR INSULATION*** 150mm PIR insulation	***WINDOWS*** Double glazed g=0.46 U-value 1.30 W/m²K ***DOORS*** U-value 1.10 W/m²K	***HEATING TYPE*** Air source heat pump with radiators or underfloor heating ***HEATING CONTROLS*** Programmer, room thermostat and thermostatic radiator valves ***WASTE WATER HEAT RECOVERY SYSTEM***	***AIR PERMEABILITY*** 4.51 m³/(hr.m²) ***VENTILATION SYSTEM*** System 3 Decentralised Mechanical Extract (dMEV)

Renewables
PHOTOVOLTAIC PANELS 40% of ground floor area



ON-SITE BUILT-IN

Fabric

LOFT
500mm Loft Roll 44

EXTERNAL WALLS
140mm FrameTherm® Roll 32

PARTY WALL INSULATION
90mm FrameTherm® Roll 40 between timber studs, Timber Frame Party Wall Slab fitted between OSB sheathing on site

FLOOR INSULATION
150mm PIR insulation

Openings

WINDOWS
Double glazed g=0.47
U-value 1.31 W/m²K

DOORS
U-value 1.20 W/m²K

Heating

HEATING TYPE
Air source heat pump with radiators or underfloor heating

HEATING CONTROLS
Programmer, room thermostat and thermostatic radiator valves

WASTE WATER HEAT RECOVERY SYSTEM

Ventilation

AIR PERMEABILITY
4.51 m³/(hr.m²)

VENTILATION SYSTEM
System 3
Decentralised Mechanical Extract (dMEV)

Renewables

PHOTOVOLTAIC PANELS
40% of ground floor area

Learn more at our Future Homes Standard Hub: