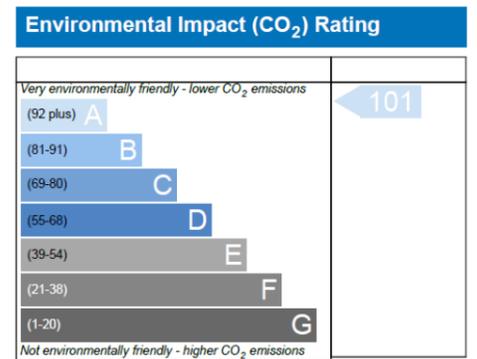
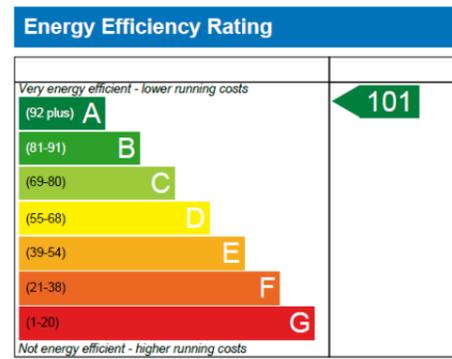


CLAY PARK SUSTAINABILITY

House design:

- EPC 'A' rated (97-101) - UK average is 'D' and most new builds are 'C'
- Very high levels of insulation (highly efficient/ U-values (walls) of 0.11)
- Passive solar design
- LED lighting throughout
- Timber framed; local timber cladding
- Triple glazed windows, doors and skylights



Energy efficiency rating for the 4 bed mid-terrace house

180kWp rooftop solar PV array*, and renewable energy supplier for imported electricity

Workshops & support for residents to live more sustainably (e.g. Transition Streets programme)

Sustainable travel – reducing private car use:

- Support to set up a car share/lift share for residents
- Cycle and public transport vouchers for each household
- Electric car charging on site (with Tresoc)
- Restricted car parking (one car space per household, additional spaces on license as needed)
- Cycle connection from Clay Park to NC2 Totnes-Dartington
- Bike racks

Food growing & habitat for wildlife:

- Community orchard (planted, with further planting planned)
- Allotments on site
- Forest planting areas
- Working with residents to create additional wildlife habitats

Shared laundry



We're working with Tresoc to raise funds for and install the rooftop PV array. They have applied for grant funding from the Rural Community Energy Fund (RCEF) to support this work – including looking at the feasibility of electric car charging and battery storage.

As well as environmental sustainability, we also consider economic sustainability (affordability of the housing) and social sustainability (a resilient, supportive and inclusive community). These are often linked, for example a shared laundry reduces the number of washing machines required and will use hot water heated using the PV, but also is a place where people will run into their neighbours and get to know each other. Energy efficient homes not only save energy, but reduce energy bills, making the homes more affordable to run, as well as to buy or rent.