

Excel Heat Bank

Extensive Renovation and Extension

Stripend, near Jedburgh



Installation project

Our client Gilbert Developments was the main contractor appointed by the home owner.

For their new home the owner requested a heating system that had numerous heat sources and heat outlets.

Border Eco Systems designed a system comprising of an Excel Heatbank, a wood burning stove, an oil boiler, solar thermal and back-up immersion heaters.

The Excel Heatbank is designed to prioritise each input, solar being 1st, then wood burning stove, then oil boiler.

The system has a plate heat exchanger for producing hot water as and when required rather than storing it

- **Inputs**
- Warm flow oil boiler
- Solflex solar thermal
- Aquatherm back boiler stove
- Electric immersions
- **Outputs**
- Underfloor heating
- Radiator circuit
- Towel rail circuit
- Domestic hot water
- Thermal safety quench valve