

# Whole life costs of a super-insulated home with solar thermal heating and a traditional home

	Specification options	Capital costs £/100m <sup>2</sup> mid-terrace home	Net present value for 60 years £/100m <sup>2</sup> mid-terrace home
Super-insulated home	High standard specification super-insulated home	66,000.00	74,759.21
Super-insulated home with SDHW*	High standard specification super insulated home with SDHW*	69,000.00	77,873.27
Part L compliant home	Part L compliant home (20% better than '02 notional building)	60,000.00	76,463.52

Table Notes:

- Costs are for design and construction of a 100m<sup>2</sup> mid-terrace home.
- Assumed maintenance of extra over items for super-insulation and SDHW.\*

- Prices are as £/Item for a mid terrace home.
- Expected service lives assumed are the same as the life of the dwelling. 10-year inspection and maintenance of insulation items and of DSWH.
- Prices depend on specification, size and location.

- Prices are average costs for indicative purposes only. A cost analysis based on project specific information is essential for a realistic best value appraisal.
- A discount rate of 3.5% is used to calculate net present values throughout the study period.

\* Solar Domestic Hot Water