

# Typical U-Values...

## Lofts

First layer between joists, additional layers cross laid.

INSULATION DEPTH (mm)			Thermafleece UltraWool $\lambda$ 0.035 W/mK
Between Joist	Over Joist	Total Depth	U-value W/m <sup>2</sup> K
100	120	220	0.16
100	170	270	0.13

## Pitched Roof

Thermafleece UltraWool between and under rafter.

INSULATION DEPTH (mm)			Thermafleece UltraWool $\lambda$ 0.035 W/mK
Between Rafter	Under Rafter	Total Depth	U-value W/m <sup>2</sup> K
150	50	200	0.18
150	120	270	0.13

## Flat Roof

Thermafleece UltraWool between and under Rafter.

INSULATION DEPTH (mm)			Thermafleece UltraWool $\lambda$ 0.035 W/mK
Between Rafter	In Cross Batten	Total Depth	U-value W/m <sup>2</sup> K
140	50	190	0.18

## Timber Frame Wall

Thermafleece UltraWool between studs.

INSULATION DEPTH (mm)			Thermafleece UltraWool $\lambda$ 0.035 W/mK
Between Stud	In Cross Batten	Total Thickness	U-value W/m <sup>2</sup> K
140	0	140	0.27
150	50	200	0.17

## Timber Frame Wall Internal Low E Void

Thermafleece UltraWool between studs, 25mm low emissivity void.

INSULATION DEPTH (mm)		Thermafleece UltraWool $\lambda$ 0.035 W/mK
Between Stud	Internal Low Emissivity Void	U-value W/m <sup>2</sup> K
100	25	0.25
150	25	0.18

## Technical Support

For further information including advice on U-value calculations, acoustic applications and current Building Regulations call us on **01768 486285** or email [enquiries@thermafleece.com](mailto:enquiries@thermafleece.com).