

Typical U-Values...

Lofts

First layer between joists, additional layers cross laid.

INSULATION DEPTH (mm)			Thermafleece NatraHemp λ 0.040 W/mK
Between Joist	Over Joist	Total Depth	U-value W/m ² K
100	140	240	0.16
100	200	300	0.13

Pitched Roof

Thermafleece NatraHemp between and under rafter.

INSULATION DEPTH (mm)			Thermafleece NatraHemp λ 0.040 W/mK
Between Rafter	Under Rafter	Total Depth	U-value W/m ² K
170	70	240	0.18

Flat Roof

Thermafleece NatraHemp between and under rafter.

INSULATION DEPTH (mm)			Thermafleece NatraHemp λ 0.040 W/mK
Between Rafter	In Cross Batten	Total Depth	U-value W/m ² K
150	75	225	0.17

Timber Frame Wall

Thermafleece NatraHemp between studs.

INSULATION DEPTH (mm)			Thermafleece NatraHemp λ 0.040 W/mK
Between Stud	In Cross Batten	Total Thickness	U-value W/m ² K
140	0	140	0.29
140	50	190	0.22

Timber Frame Wall Internal Low E Void

Thermafleece NatraHemp between studs, 25mm low emissivity void.

INSULATION DEPTH (mm)		Thermafleece NatraHemp λ 0.040 W/mK
Between Stud	Internal Low Emissivity Void	U-value W/m ² K
100	25	0.27
150	25	0.20

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.