

THERMAFLEECE Hemp TYPICAL U-VALUES

LOFTS

First layer between joists, additional layers cross laid.

INSULATION DEPTH (mm)			THERMAFLEECE Hemp 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 Hemp between and under rafter.

INSULATION DEPTH (mm)			THERMAFLEECE Hemp 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 Hemp between and under rafter.

INSULATION DEPTH (mm)			THERMAFLEECE Hemp 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 Hemp between studs.

INSULATION DEPTH (mm)			THERMAFLEECE Hemp 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 Hemp between studs, 25mm low emissivity void.

INSULATION DEPTH (mm)		THERMAFLEECE Hemp 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 contact our Technical Helpline 0844 8009953.