

TYPICAL U-VALUES

LOFT ROLL 44

U-value (W/m ² K)	Thickness (mm)		
	Between joists	Over joists	Total thickness
0.09	100	400 (2 x 200)	500
0.10	100	350 (150+200)	450
0.11	100	300 (2 x 150)	400
0.12	100	250 (100+150)	350
0.13	-	-	-
0.14	-	-	-
0.15	100	200	300
0.16	100	170	270

Note* Joist sizes assumed to be 100 x 47mm at 400mm centres, default timber bridge fraction, 12.8% as per BR443. Assumed 12.5 mm standard plasterboard and cold ventilated roof with felt or sarking boards. All dimensions are nominal.

LOFT ROLL 40 / OMNIFIT® ROLL 40

U-value (W/m ² K)	Thickness (mm)		
	Between joists	Over joists	Total thickness
0.08	100	400 (2 x 200)	500
0.09	100	350 (150+200)	450
0.10	100	300 (2 x 150)	400
0.11	-	-	-
0.12	100	250 (100+150)	350
0.13	100	200	300
0.14	-	-	-
0.15	-	-	-
0.16	100	150	250

Note* Joist sizes assumed to be 100 x 47mm at 400mm centres, default bridge fraction, 12.8% as per BR443. Assumed 12.5 mm standard plasterboard and cold ventilated roof with felt or sarking boards. All dimensions are nominal.

For any U-value calculations for alternative construction build-ups, please contact our Technical Support Team on 01744 766 666 or visit our online tool at knaufinsulation.co.uk/uvalue-calculator

For written U-value calculations, please email details of your full construction build-up to technical.uk@knaufinsulation.com and we will respond accordingly to meet your requirements.