

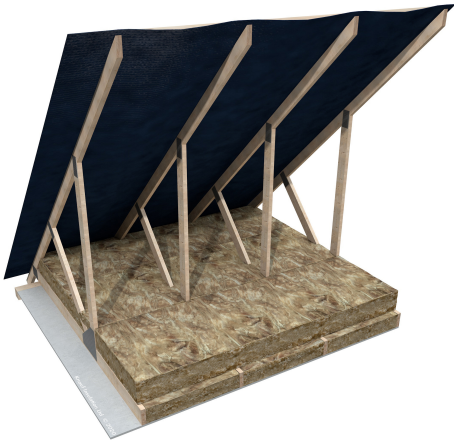
INSULATION AT CEILING LEVEL (LOFT INSULATION)

U-value Calculation

Calculation Date: 17/11/2021

Reference: 15

U-value Result:
0.11 W/m²K



Layer	d(mm)	λ layer	λ bridge	Fraction	R layer	Description
					0.100	Rsi
1	12.500	0.190	-	-	0.066	Plasterboard
2	100.000	0.044	0.130	0.090	2.273	Earthwool® Loft Roll 44
3	300.000	0.044	-	-	6.818	Earthwool® Loft Roll 44 (2x150)
4	-	0.200	-	-	0.200	Cold Roof space
					0.040	Rse
	412.5mm				9.357	

Total Thermal Resistance: Upper limit: 9.339 Lower limit: 9.157 Average: 9.248

U-value-corrections:

Layer: 2 Earthwool® Loft Roll 44 between 48mm joist @ 600 ctrs bridged by Joists

U-value (rounded):

0.11 W/m²K

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Calculated by User, online

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