Laboratory_Alhair ECG 02/15/2025 03:44PM

Roof

Roof Details

Roof Layers Details (Inside to Outside)

	Thickness	Density	Specific Ht.	R-Value	Weight
Layers	mm	kg/m³	kJ / (kg K)	(m²·K)/W	kg/m²
Inside surface resistance	0.000	0.0	0.00	0.04000	0.0
Cement Plaseter	10.000	2000.0	0.84	0.02000	20.0
Reinforced Concrete	150.000	2400.0	0.88	0.09000	360.0
Insulation	50.000	35.0	1.40	1.90000	1.8
Polyethylene Sheet	0.200	950.0	1.90	0.00010	0.2
Cement Screed	50.000	2000.0	0.84	0.04000	100.0
Outside surface resistance	0.000	0.0	0.00	0.13000	0.0
Totals	260.200	-		2.22010	481.9