

Wall Constructions

Laboratory_Alhair
ECG

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03:44PM

External Wall

Wall Details

Outside Surface Color **Dark**
Absorptivity **0.900**
Overall U-Value **0.575** W/(m²·K)

Wall Layers Details (Inside to Outside)

Layers	Thickness mm	Density kg/m ³	Specific Ht. kJ / (kg K)	R-Value (m ² ·K)/W	Weight kg/m ²
Inside surface resistance	0.000	0.0	0.00	0.04000	0.0
Cement Plaster	10.000	2000.0	0.84	0.02500	20.0
Concrete Block	200.000	1800.0	0.88	0.10000	360.0
Thermal Insulation	50.000	20.0	1.20	1.50000	1.0
13mm gypsum plaster	12.500	800.0	0.84	0.03500	10.0
Outside surface resistance	0.000	0.0	0.00	0.04000	0.0
Totals	272.500	-		1.74000	391.0