Details of opaque construction: w_unins and overall thickness 0.240

Layer	Thick (mm)	Conduc-tivity	Density	Specif heat	IR emis	Solar abs	Diffu resis	R m^2K/W	Description
1	240.0	0.510	1400.	1000.	0.90	0.25	10.	0.47	Block white ptd inner (3% mc) : Block white ptd inner (3% mc)

ISO 6946 U values (horiz/upward/downward heat flow)= 1.561 1.638 1.469 (partition) 1.369
Admittance calculations using Rsi 0.12 Rso 0.06 & Uvalue= 1.54
External surface admittance Y= 4.20 w= 1.62 decrement factor f= 0.58 phi= 1.40
surface factor f= 0.58 phi= 1.40 Partition admittance Y= 4.70 w= 1.85 surface factor f= 0.57 phi= 1.85
Total area of w_unins is 9.00

Details of opaque construction: w_int_ins and overall thickness 0.312

Layer	Thick (mm)	Conduc-tivity	Density	Specif heat	IR emis	Solar abs	Diffu resis	R m^2K/W	Description
Ext	240.0	0.510	1400.	1000.	0.90	0.25	10.	0.47	Block white ptd inner (3% mc) : Block white ptd inner (3% mc)
2	60.0	0.040	105.	1800.	0.90	0.60	1.	1.50	Mineral fibre : Mineral fibre Int
12.5	0.190	950.	840.	0.91	0.50	11.	0.07	Gypsum plasterboard : Gypsum plasterboard	

ISO 6946 U values (horiz/upward/downward heat flow)= 0.453 0.459 0.445 (partition) 0.435
Admittance calculations using Rsi 0.12 Rso 0.06 & Uvalue= 0.45
External surface admittance Y= 1.10 w= 3.31 decrement factor f= 0.92 phi= 0.42 surface factor f= 0.92 phi= 0.42
Partition admittance Y= 1.16 w= 3.16 surface factor f= 0.91 phi= 0.43
Total area of w_int_ins is 6.00

Details of opaque construction: w_int_ins_vb and overall thickness 0.313

Layer	Thick (mm)	Conduc-tivity	Density	Specif heat	IR emis	Solar abs	Diffu resis	R m^2K/W	Description
Ext	240.0	0.510	1400.	1000.	0.90	0.25	10.	0.47	Block white ptd inner (3% mc) : Block white ptd inner (3% mc)
2	60.0	0.040	105.	1800.	0.90	0.60	1.	1.50	Mineral fibre : Mineral fibre
3	1.0	0.160	1379.	1004.	0.90	0.60	70.	0.01	PVC : PVC
Int	12.5	0.190	950.	840.	0.91	0.50	11.	0.07	Gypsum plasterboard : Gypsum plasterboard

ISO 6946 U values (horiz/upward/downward heat flow)= 0.452 0.458 0.444 (partition) 0.434
Admittance calculations using Rsi 0.12 Rso 0.06 & Uvalue= 0.45
External surface admittance Y= 1.17 w= 3.41 decrement factor f= 0.92 phi= 0.46 surface factor f= 0.92 phi= 0.46
Partition admittance Y= 1.22 w= 3.26 surface factor f= 0.91 phi= 0.47
Total area of w_int_ins_vb is 6.00