

Insulation Worksheet: Weighted Average (2 levels)

CHANGE ONLY THE RED NUMBERS

Existing Insulation	Area	%Area	R-Value	U-Value	%Area x U-Value
Area 1 size & existing R-Value	990	99.0%	40.0	0.0250	0.0248
Area 2 size & existing R-Value	10	1.0%	1.0	1.0000	0.0100
Weighted Average Insulation Value	1,000		28.8		0.0348

Existing vs Full	Indoor Temp(F)	Outdoor Temp(F)	Delta T	Existing Heat Loss	Full Heat Loss	
					R-Value	U-Value
Area 1	68	67	1	25	49	
Area 2				10		0.0204
Total Heat Loss - BTUh				35		20
BTUh Savings after Fully Insulated						14