

Heat Loss Calculations

Done by:

Name:
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 Address: Address...
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Summary

Name: Joe Bonkers
 Address: 24 Silly Lane Smartsville
 Job Descriptions: Domestic Installation
 Date: 03/09/2009
 Total No. of Rooms: 1
 Total Heat Loss: 3.281 kW

Rooms Summary

Room No.:	1	Roof	Enviromental Consideration
Type:	Bathrooms	Roof Length (mts): 5 m	Outside Winter Temp: 3
Floor Level:	Ground to 1st floor	Roof Width (mts): 4 m	Recommend Room Temp: 22
Volume:	60 m3	Environmental Exp.: Sheltered	Winter Room Temp: 8
Air Changes:	1		
Air Heat losses:	390 Watts		
Roof Material:	Corrugated steel sheeting		

Other Info:

Type	No.	Length (Height (mt	Width (mts)	Heat Loss (W	Descriptions
Floor	1	4	-	5	988	Internal Floor - screed on 150 mm concrete
Ceiling	1	4	-	5	157	Plasterboard
Wall	1	-	3	5	392	Sheltered External Wall-200 mm -Radiation Cavity Brick (Plastered)
Wall	2	-	3	5	441	Internal Wall-Plasterboard, Air Gap, Plasterboard
Wall	3	-	3	4	353	Internal Wall-Plasterboard, Air Gap, Plasterboard
Wall	4	-	3	4	353	Internal Wall-Plasterboard, Air Gap, Plasterboard
Door	1	In Wall: 1	2.1	0.92	84	Wood - Sheltered
Window	1	In Wall: 1	0.9	1.8	123	Single Glazed - Sheltered- radiation with window
		Heat Loss (Materials):			2891	
		Total Heat Loss per Room:			3281	