thermOSphere

Heating Specification

Project: Example

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Room: Room 1

Total Room: 7.5 m2 | Fixtures: 2.53 m2 | Heated Area: 4.97 m2 | Load: 1038W @ 230V = 4.51A

Underfloor Heating

Product Code	Description	Qty
TIB-006-01	Insulation Board for Timber 6mm	**11**
	Insulation quoted per board. 11 boards at 0.72m2 each = 7.92m2 covering the 7.5m2 room area.	
TIB-MFW-01	Metal Fixing Washers (100 per pack)	**2**
	2 packs (132 washers). 12 per board x 11 boards.	
TIB-FS-01	Fixing Screws 32mm (1000 per pack)	**1**
	1 packs (1 screw per washer, 132 total).	
TIB-JT-01	Joint Tape 125mm x 25m	**1**
	1 rolls to cover joins between 11 boards.	
HDM-005	Fleece Backed Membrane 5m2	**1**
	Covers 5m2 of the 7.5m2 room (area +10% waste = 8.25m2).	
HDM-001	Fleece Backed Membrane 1m2	**4**
	Covers 4m2 of the 7.5m2 room (area +10% waste = 8.25m2).	
HDMC-075-0900J	ThermoSphere Ultimate Cable 75m - heats 4.62m2	**1**
	Covers 4.62m2 of the 4.97m2 heated area (93%). Cables selected to fit within the heated area, favouring a single cable where possible.	
DC-W-01	Dual Control Thermostat White	**1**
TSK-PROBE	Spare Sensor Probe	**1**

Towel Bars

Product Code	Description	Qty
HTB-DR-450-PGM	Towel Bar - Round Double Mounted 450mm - Polished Gun Metal	**5**
HTB-12VT-210	12V Transformer 210W (Towel Bar)	**1**
TBMS-1000	Towel Bar Mounting System (Double)	**2**
	2 mounting system(s): 2 per 7 double-ended bars (5 bars).	
TBSD-0800	Towel Bar Spigot	**10**
	2 spigots per double-ended bar x 5 bars.	

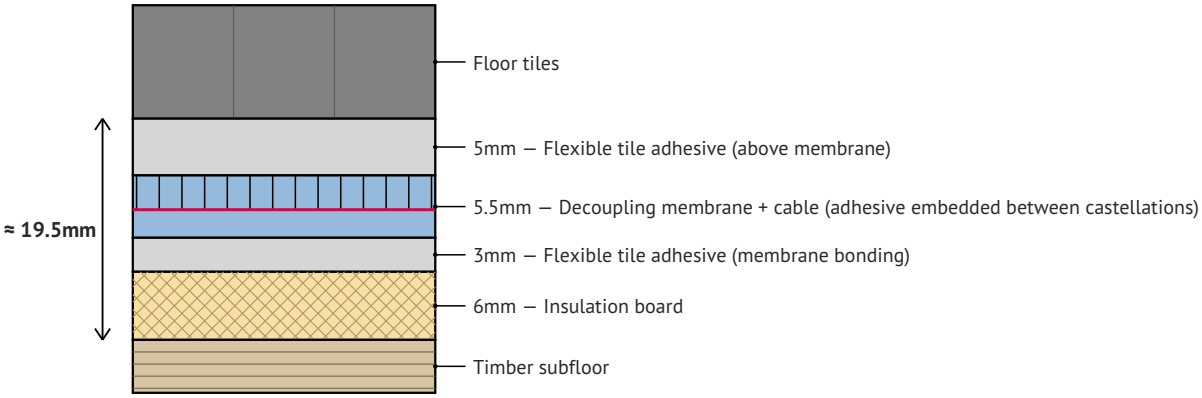
Mirror Demisters

Product Code	Description	Qty

MH-12V-300200	Mirror Demister Rectangular H 300 x W 200mm (12V)	**1**
HTB-12VT-060	12V Transformer 60W (Mirror Demister)	**1**

Floor Build-up

Ultimate Membrane Underfloor Heating



Not drawn to scale (excludes floor tiles and subfloor). Adhesive layers are flexible tile adhesive.

Product data sheet links

Ultimate Cable & Membrane Data Sheet
Dual Control Thermostat White Data Sheet
Towel Bar Double Round 632mm Data Sheet
12V Mirror Demisters Data Sheet