

CAVITY WALLS: Tile/Timber finishes

Kingspan Low E cavity resistance = 0.644 m²K/W

Celotex Low E cavity resistance = 0.665 m²K/W



Outer leaf: Tiles & Timber on battens on Celcon Standard blockwork

Block face format as inner leaf x 100mm thick with 2mm Celfix mortar joints)

		Inner leaf: with 2mm Celfix mortar joints										
		Solar (2.9 N/mm ²)				Standard (3.6 N/mm ²)				Hi-Strength (7.3 or 10.4 ^e N/mm ²)		
		Jumbo Plus	Normal / Plus			Jumbo Plus	Normal / Plus			Normal / Plus		
Block Grade		100mm	100mm	115mm	125mm	100mm	100mm	115mm	140mm	100mm	115mm	140mm
Block Format		U-VALUE (W/m²K)										
Block Thickness												
Tiles on battens												
Cavity	Internal finish	0.26	0.26	0.25	0.24	0.27	0.27	0.27	0.26	0.28	0.28	0.27
CLEAR	50mm ThermaLine SUPER	0.27	0.27	0.26	0.26	0.29	0.29	0.28	0.27	0.30	0.30	0.29
Partially filled (50mm min clear) 25mm Kingspan TW50 (0.022)	Lwt plaster	0.27	0.28	0.27	0.26	0.29	0.29	0.29	0.27	0.31	0.30	0.29
Fully filled 65mm Dritherm (0.036)	Dense plaster											
Timber on battens		0.24	0.25	0.24	0.23	0.26	0.26	0.25	0.24	0.27	0.26	0.25
CLEAR	50mm ThermaLine SUPER	0.28	0.28	0.27	0.26	0.29	0.30	0.29	0.27	0.31	0.30	0.29
Partially filled (50mm min clear) 20mm Celotex (0.023)	Lwt plaster	0.26	0.27	0.26	0.25	0.28	0.28	0.27	0.26	0.29	0.29	0.28
Fully filled 65mm Dritherm (0.037)	Dense plaster											

Block format: Normal: 440mm long x 215mm high
 Plus: 610mm long x 215mm high
 JumboPlus: 610mm long x 270mm high

Block thickness: Those noted above are typical; for available sizes please ring Sales: 08705 143820 or 01732 886444

27th October 2006

TSD/67-12TJ

Tiles + Timber on STD C / ALL cavity types