

Linear Thermal Transmittance (Ψ) and
Temperature Factor (f)

Besblock Limited

Summary Sheet 4 Party Wall, $U=0.24$



Party Wall Details, based on E-WM-11 fully filled

***For Brick Outer Leaf, Besblock Inner Leaf, and 75mm-100mm of PIR/PU Insulation with a 50mm Low-e Cavity
OR 150mm mineral wool full fill cavity***

Details based on Typical Masonry Accredited Details

<u>Description</u>	<u>Accredited/ Robust Code</u>	<u>K1 Ref</u>	<u>Cert. No.</u>	<u>ψ-value</u>	<u>Accredited</u>	<u>Improvement</u>	<u>f</u>	<u>f at Corne</u>
Party Wall, fully filled, Full fill external	MCI-IW-01/E-WM-11 filled	E18	C4TM- 000727	0.041	0.060	31.8%	0.961	
Party Wall, fully filled, Part' fill external	MCI-IW-01/E-WM-11 filled	E18	C4TM- 000728	0.038	0.060	37.4%	0.962	
Party Foot (Ground Floor / Party Wall)	E-WM-11 fully filled	P1	C4TM- 000729	0.142	0.080	-77.5%	0.933	
Intermediate Floor/Party Wall, Full Fill	E-WM-11 fully filled	P2	C4TM- 000730	-0.001	0.000	-	0.942	
Intermediate Floor/Party Wall, Partial Fill	E-WM-11 fully filled	P2	C4TM- 000731	0.000	0.000	-	0.956	
Party Floor/Party Wall, Full Fill	E-WM-11 fully filled	P3	C4TM- 000732	-0.013	0.000	-	0.952	
Party Floor/Party Wall, Partial Fill, E-FC-1	E-WM-11 fully filled	P3	C4TM- 000733	0.028	0.000	-	0.941	
Party Head (Roof) Insulation @ Ceiling	E-WM-11 fully filled	P4	C4TM- 000734	0.120	0.120	0.0%	0.910	
Party Head (Roof) Insulation @ Rafters	E-WM-11 fully filled	P5	C4TM- 000735	0.077	0.120	35.8%	0.939	
Ground Floor, Jetfloor	MCI-GR-02	E5	C4TM- 000736	0.150	0.160	6.3%	0.914	0.896
Ground Floor, Jetfloor	MCI-GR-02	E5	C4TM- 000737	0.165	0.160	-3.3%	0.904	0.876
Party Foot (Ground Floor / Party Wall)	E-WM-11 fully filled	P1	C4TM- 000738	0.139	0.080	-73.6%	0.925	
Party Foot (Ground Floor / Party Wall)	E-WM-11 fully filled	P1	C4TM- 000739	0.122	0.080	-52.0%	0.887	
Party Foot (Solid Ground Floor/Party Wall)	E-WM-11 fully filled	P1	C4TM- 000779	0.100	0.080	-25.0%	0.929	