Ti. thermx



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Psi Value (Ψ) Calculations & Report

CERTIFICATE REF: HTP-100F-0.037-1.33

External wall construction including Hi-therm Lintel:

CAVITY WIDTH CAVITY INSULATION TYPE

100mm Cavity Slabs

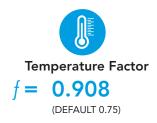
CAVITY INSULATION FILL BLOCK TYPE

Full Dene Block

Psi	Value (ψ)
0	.051

(W/mK)

Material Thermal Conductivities (W/mK)			
Material	Thickness (mm)	Conductivity (W/mK)	
External Brick	100	0.770	
Cavity Slabs	100mm	0.037	
Dense Block	100	1.33	
Plaster Dabs & Air space	10	0.066	
Plaster Board	12.5	0.190	





This report was carried out using Physibel Trisco thermal analysis software and the modeling follows the conventions set out for calculating linear thermal transmittance and temperature factors in accordance with BR497.

