Hi-therm+

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Psi Value (Ψ) Calculations & Report

CERTIFICATE REF: HTP-100F-0.033-0.11

External wall construction including Hi-therm Lintel:

CAVITY WIDTH 100mm

TICHDY HI HOTDY

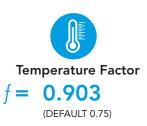
CAVITY INSULATION TYPE Pumped Bead

CAVITY INSULATION FILL Full BLOCK TYPE Aircrete Block

Material Thermal Conductivities (W/mK)

Material	Thickness (mm)	Conductivity (W/mK)
External Brick	100	0.770
Pumped Bead	100mm	0.033
Aircrete Block	100	0.11
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.

