Hi-therm+

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Psi Value (Ψ) Calculations & Report

CERTIFICATE REF: HTP-125F-0.033-0.45

External wall construction including Hi-therm Lintel:

CAVITY WIDTH 125mm

TICHDY HI HOTDY

CAVITY INSULATION TYPE Pumped Bead

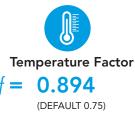
CAVITY INSULATION FILL Full BLOCK TYPE Medium Dense Block

Material Thermal Conductivities (W/mK)

Material	Thickness (mm)	Conductivity (W/mK)
External Brick	100	0.770
Pumped Bead	125mm	0.033
Medium Dense Block	100	0.45
Plaster Dabs & Air space	10	0.066
Plaster Board	12.5	0.190



Psi Value (ψ)





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.



