Hi-therm +

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Psi Value (Ψ) Calculations & Report

CERTIFICATE REF: HTP-100F-0.032-0.51

External wall construction including Hi-therm Lintel:

CAVITY WIDTH 100mm

TICHDY HI HOTDY

CAVITY INSULATION TYPE Mineral Wool / Blown Fibre

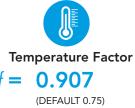
CAVITY INSULATION FILL Full BLOCK TYPE Medium Dense Block

Material Thermal Conductivities (W/mK)

| Material | Thickness (mm) | Conductivity (W/mK) |
|--------------------------|----------------|---------------------|
| External Brick | 100 | 0.770 |
| Pumped Bead | 100mm | 0.032 |
| Medium Dense Block | 100 | 0.51 |
| 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.

