Hi-therm+

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Psi Value (Ψ) Calculations & Report

CERTIFICATE REF: HTP-125F-0.022-0.65

External wall construction including Hi-therm Lintel:

CAVITY WIDTH 125mm

TICHDY HI HOTDY

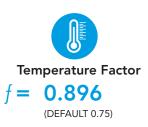
CAVITY INSULATION TYPE Rigid Insulation Board

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 |
| Rigid Insulation Board | 125mm | 0.022 |
| Medium Dense Block | 100 | 0.65 |
| 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.

