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Psi Value (Ψ) Calculations & Report

CERTIFICATE REF: HTP-125F-0.032-0.6

External wall construction including Hi-therm Lintel:

CAVITY WIDTH 125mm

Plaster Board

CAVITY INSULATION TYPE Mineral Wool / Blown Fibre

CAVITY INSULATION FILL

BLOCK TYPE

Full

Aircrete Block

Material Thermal Conductivities (W/mK)			
Material	Thickness (mm)	Conductivity (W/mK)	Temperature Factor
E ID : I	400	0.770	f = 0.895

External Brick 0.770 Pumped Bead 125mm 0.032 Aircrete Block 100 0.6 Plaster Dabs & Air space 10 0.066

12.5

(DEFAULT 0.75)

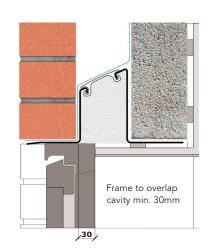
Psi Value (ψ)

0.062

(W/mK)



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.



0.190

