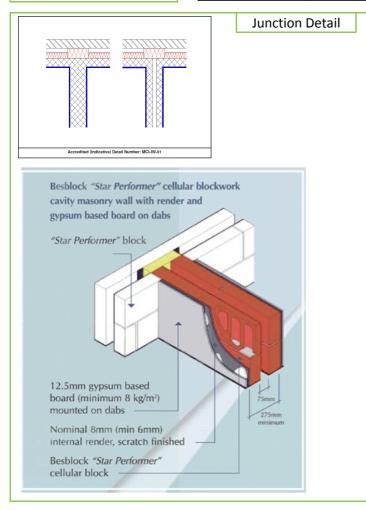
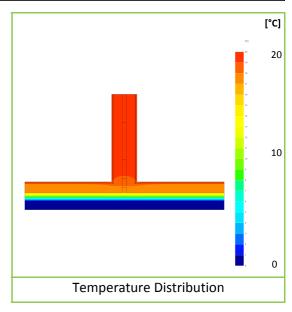


Certificate No: C4TM – 000105 Rev. 1a Issued: Friday 21st May, 2010

Issued to:
Robin Huxley
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General Construction Specification: (see detail below for full construction)	Main/Load-bearing:	Cellular Aggregate Block, Starperformer
	Insulation:	100mm Mineral Wool, λ=0.036
	Cavity:	100mm Full fill Cavity
,	Cladding:	102mm Brick, λ=0.77
Description:	Party Wall	
Reference:	MCI-IW-01	





Linear Thermal Transmittance W/m.K		
Ψ=	0.096	

Temperature Factor ³ for Humidity and		
Mould		
<i>f</i> =	0.953	

Calculation Prepared By: Matthew Wright MA Physics (Oxon) PGCE

Notes: -

- 1. Ψ and f are only valid for the detail drawn and described above.
- 2. U-values for the flanking walls are in the range $U = 0.29 \text{ W/m}^2$.K, or less.
- 3. In dwellings, a temperature factor f that is >0.75 would avoid the risk of mould growth.
- 4. Calculations have been performed in accordance with:
 - EN ISO 10211_2007 (British Standards)
 - IP 1/06 & BR497 (BRE Press)

and with reference to the following publications:

- EN ISO 6946 (British Standards)
- BR443 (BRE Press)