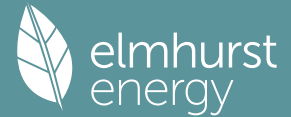


Thermal Bridging



Property Reference	78274	Issued on Date	02/12/2024
Assessment Reference	001	Prop Type Ref	Detached House
Property	Plot 1, Berry Brow, Manchester, M40 1GR		

SAP Rating	83 B	DER	3.57	TER	9.60
Environmental	96 A	% DER < TER			62.81
CO ₂ Emissions (t/year)	0.53	DFEE	41.41	TFEE	42.32
Compliance Check	See BREL	% DFEE < TFEE			2.15
% DPER < TPER	26.59	DPER	36.93	TPER	50.31

Assessor Details	Mr. Daniel Goddard	Assessor ID	CP52-0001
Client	-, -		

	Junction details	Source Type	Psi (W/mK)	Length (m)	Result	Reference
External wall	E2 Other lintels (including other steel lintels)	Independently assessed	0.026	24.88	0.65	Thermally Broken
External wall	E3 Sill	Independently assessed	0.022	24.88	0.55	RCD
External wall	E4 Jamb	Independently assessed	0.017	46.07	0.78	RCD
External wall	E5 Ground floor (normal)	Independently assessed	0.074	38.14	2.82	RCD
External wall	E10 Eaves (insulation at ceiling level)	Independently assessed	0.060	38.14	2.29	RCD
External wall	E16 Corner (normal)	Independently assessed	0.046	30.60	1.41	RCD
External wall	E17 Corner (inverted – internal area greater than external area)	Independently assessed	-0.088	10.20	-0.90	RCD
External wall	E6 Intermediate floor within a dwelling	Independently assessed	0.001	38.14	0.04	RCD

Total: 251.05 W/mK:
Y-Value: 0.02 W/m²K: