

Thermal Bridging

Property Reference	Plot 2 7HR	Issued on Date	28/03/2025
Assessment Reference	Plot 2- Gas boiler	Prop Type Ref	Semi-Detached House
Property	Plot 2, 7 Hawthorne Road, READING, RG4 6LY		

SAP Rating	101 A	DER	6.29	TER	7.84
Environmental	93 A	% DER < TER			19.77
CO ₂ Emissions (t/year)	0.97	DFEE	33.56	TFEE	36.41
Compliance Check	See BREL	% DFEE < TFEE			7.81
% DPER < TPER	17.46	DPER	33.96	TPER	41.14

Assessor Details	Mr. Dhiraj Karsan	Assessor ID	M078-0001
Client			

	Junction details	Source Type	Psi (W/mK)	Length (m)	Result	Reference
External wall	E2 Other lintels (including other steel lintels)	Independently assessed	0.040	16.20	0.65	
External wall	E3 Sill	Independently assessed	0.030	15.30	0.46	
External wall	E4 Jamb	Independently assessed	0.030	33.00	0.99	
External wall	E5 Ground floor (normal)	Independently assessed	0.060	28.10	1.69	
External wall	E6 Intermediate floor within a dwelling	Independently assessed	0.070	42.90	3.00	
External wall	E16 Corner (normal)	Independently assessed	0.090	15.40	1.39	
External wall	E18 Party wall between dwellings	Independently assessed	0.060	15.40	0.92	
External roof	R1 Head of roof window	Independently assessed	0.080	6.20	0.50	
External roof	R2 Sill of roof window	Independently assessed	0.060	6.20	0.37	
External roof	R3 Jamb of roof window	Independently assessed	0.080	11.20	0.90	

Total: 189.90 W/mK:
Y-Value: 0.03 W/m²K: