

Summary for Input Data

Property Reference	DA-61-01 rev A Ground		Issued on Date	25/02/2025
Assessment Reference	DA-61-01 rev A	Prop Type Ref	Flat - Conversion	
Property	Ground floor Flat, Old Farm Close, Haywards Heath			

SAP Rating	73 C	DER	36.82	TER	
Environmental	74 C	% DER < TER			N/A
CO ₂ Emissions (t/year)	1.7	DFEE	101.12	TFEE	
Compliance Check	See BREL	% DFEE < TFEE			
% DPER < TPER		DPER	201.59	TPER	

Assessor Details	Mr. Colin Marshall	Assessor ID	AV43-0001
Client			

SUMMARY FOR INPUT DATA FOR: Conversion (As Designed)

Orientation	West
Property Tenture	1
Transaction Type	5
Terrain Type	Suburban
1.0 Property Type	Flat, Detached
Position of Flat	Ground-floor flat
Which Floor	0
2.0 Number of Storeys	1
3.0 Date Built	2025
3.0 Property Age Band	L
4.0 Sheltered Sides	0
5.0 Sunlight/Shade	Average or unknown
6.0 Thermal Mass Parameter	Enter TMP value
Thermal Mass	250.00
7.0 Electricity Tariff	Standard
Smart electricity meter fitted	No
Smart gas meter fitted	No

7.0 Measurements	Heat Loss Perimeter	Internal Floor Area	Average Storey Height
Ground floor:	34.60 m	51.00 m ²	2.41 m
1st Storey:	38.00 m	84.00 m ²	2.60 m
2nd Storey:	29.40 m	53.00 m ²	2.25 m

8.0 Living Area	40.00	m ²
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9.0 External Walls	Description	Type	Construction	U-Value (W/m ² K)	Kappa (kJ/m ² K)	Gross Area(m ²)	Nett Area (m ²)	Shelter Res	Shelter	Openings	Area Calculation Type
	cavity wall	Cavity Wall	Cavity wall : dense plaster, dense block, filled cavity, any outside structure	0.36	190.00	61.00	53.36	0.00	None	7.64	Enter Gross Area

9.2 Internal Walls	Description	Construction	Kappa (kJ/m ² K)	Area (m ²)
	Internal Wall 1	Dense block, dense plaster	100.00	56.00

10.1 Party Ceilings	Description	Construction	Kappa (kJ/m ² K)	Area (m ²)
	Party Ceiling 1	Precast concrete plank floor (screed laid on rubber), carpeted	30.00	49.50

11.0 Heat Loss Floors	Description	Type	Storey Index	Construction	U-Value (W/m ² K)	Shelter Code	Shelter Factor	Kappa (kJ/m ² K)	Area (m ²)
	ground	Ground Floor - Solid	Lowest occupied	Suspended concrete floor, carpeted	0.30	None	0.00	75.00	51.70

11.1 Party Floors	Description	Storey Index	Construction	Kappa (kJ/m ² K)	Area (m ²)
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Summary for Input Data

Party Floor 1 Lowest occupied Timber I-joists, carpeted 20.00 61.00

12.0 Opening Types									
Description	Data Source	Type	Glazing	Glazing Gap	Filling Type	G-value	Frame Type	Frame Factor	U Value (W/m²K)
new d	Manufacturer	Half Glazed Door	Double Low-E Soft 0.05			0.63		0.80	1.40
new W	Manufacturer	Window	Double Low-E Hard 0.15			0.72		0.70	1.40

13.0 Openings					
Name	Opening Type	Location	Orientation	Area (m²)	Pitch
W	new W	cavity wall	North	2.56	0
W	new W	cavity wall	West	2.51	0
d	new d	cavity wall	West	1.89	0
W	new W	cavity wall	East	0.68	0

14.0 Conservatory	None	
15.0 Draught Proofing	100	%
16.0 Draught Lobby	No	
17.0 Thermal Bridging	Default	
Y-value	0.20	W/m²K

19.0 Mechanical Ventilation	
Mechanical Ventilation	
Mechanical Ventilation System Present	No

20.0 Fans, Open Fireplaces, Flues	
Number of open chimneys	0
Number of open flues	0
Number of chimneys/flues attached to closed fire	0
Number of flues attached to solid fuel boiler	0
Number of flues attached to other heater	0
Number of blocked chimneys	0
Number of intermittent extract fans	2
Number of passive vents	0
Number of flueless gas fires	0

21.0 Fixed Cooling System	No
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22.0 Pressure Testing	No	
Designed AP ₅₀	0.10	m³/(h.m²) @ 50 Pa
Property Tested?	Yes	
Test Method	Blower Door	

22.0 Lighting	No	
No Fixed Lighting	No	
	Name	Efficacy
	Lighting 1	75.00
	Power	Capacity
	12.00	900.00
		Count
		7

24.0 Main Heating 1	Database	
Percentage of Heat	100.00	%
Database Ref. No.	9716	
Fuel Type	Mains gas	
SAP Code	0	
In Winter	83.10	
In Summer	79.50	
Model Name	Greenstar R	
Manufacturer	Worcester Heat Systems	
System Type	Combi boiler	
Controls SAP Code	2106	

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Delayed Start Stat	No
Burner Control	Modulating
HETAS approved System	No
Flue Type	Balanced
Fan Assisted Flue	Yes
Is MHS Pumped	Pump in heated space
Heating Pump Age	2013 or later
Heat Emitter	Radiators
Flow Temperature	Unknown
Boiler Interlock	No
Combi boiler type	Standard Combi

25.0 Main Heating 2

26.0 Heat Networks

	Heat Source	Fuel Type	Heating Use	Efficiency	Percentage Of Heat	Heat	Heat Power Ratio	Electrical	Fuel Factor	Efficiency type
Heat source 1	None									
Heat source 2	None									
Heat source 3	None									
Heat source 4	None									
Heat source 5	None									

27.0 Secondary Heating

28.0 Water Heating

Water Heating	Main Heating 1
SAP Code	901
Flue Gas Heat Recovery System	No
Waste Water Heat Recovery Instantaneous System 1	No
Waste Water Heat Recovery Instantaneous System 2	No
Waste Water Heat Recovery Storage System	No
Solar Panel	No
Water use <= 125 litres/person/day	No
Summer Immersion	No
Cold Water Source	From header tank
Bath Count	1
Supplementary Immersion	No
Immersion Only Heating Hot Water	No

28.1 Showers

Description	Shower Type	Flow Rate [l/min]	Rated Power [kW]	Connected	Connected To
SHOWER	Combi boiler or unvented hot water system	11.00		No	

28.3 Waste Water Heat Recovery System

29.0 Hot Water Cylinder

Cylinder Stat	No
Cylinder In Heated Space	No
Independent Time Control	No
Insulation Type	None
Cylinder Volume	210.00
Pipes insulation	Uninsulated primary pipework
In Airing Cupboard	No

31.0 Thermal Store

Summary for Input Data



34.0 Small-scale Hydro

Electricity Generated	None	
Apportioned	0.00	kWh/Year
Connected to dwelling's electricity meter	Yes	
Electricity Generation	Annual	

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Recommendations

Lower cost measures

None

Further measures to achieve even higher standards

None