

# Building Regulations England Part L (BREL) Compliance Report

Approved Document L1 2021 Edition, England assessed by Array SAP 10 program, Array

Date: Tue 18 Jun 2024 14:06:11

Project Information			
Assessed By	Sean Hunter	Building Type	Flat, Detached
OCDEA Registration	EES/026592	Assessment Date	2024-06-18

Dwelling Details			
Assessment Type	As designed	Total Floor Area	75 m <sup>2</sup>
Site Reference	4907-YO71-6328-914	Plot Reference	914 - GF Block 1
Address	Apartment		

Client Details	
Name	Vistry Southern
Company	Vistry
Address	Central 40, Chineham Park, House/Flat Types 2020, Basingstoke, RG24 8GU

This report covers items included within the SAP calculations. It is not a complete report of regulations compliance.

1a Target emission rate and dwelling emission rate			
Fuel for main heating system	Mains gas		
Target carbon dioxide emission rate	13.75 kgCO <sub>2</sub> /m <sup>2</sup>		
Dwelling carbon dioxide emission rate	12.87 kgCO <sub>2</sub> /m <sup>2</sup>		OK
1b Target primary energy rate and dwelling primary energy			
Target primary energy	72.43 kWh <sub>PE</sub> /m <sup>2</sup>		
Dwelling primary energy	69.26 kWh <sub>PE</sub> /m <sup>2</sup>		OK
1c Target fabric energy efficiency and dwelling fabric energy efficiency			
Target fabric energy efficiency	39.1 kWh/m <sup>2</sup>		
Dwelling fabric energy efficiency	36.8 kWh/m <sup>2</sup>		OK

2a Fabric U-values				
Element	Maximum permitted average U-Value [W/m <sup>2</sup> K]	Dwelling average U-Value [W/m <sup>2</sup> K]	Element with highest individual U-Value	
External walls	0.26	0.2	Walls (3) (0.23)	OK
Party walls	0.2	N/A	N/A	N/A
Curtain walls	1.6	N/A	N/A	N/A
Floors	0.18	0.12	FP McCann System (0.12)	OK
Roofs	0.16	N/A	N/A	N/A
Windows, doors, and roof windows	1.6	1.32	LHS Windows (1.4)	OK
Rooflights	2.2	N/A	N/A	N/A

2b Envelope elements (better than typically expected values are flagged with a subsequent (!))		
Name	Net area [m <sup>2</sup> ]	U-Value [W/m <sup>2</sup> K]
Exposed wall: Walls (1)	31.784	0.22
Sheltered wall: Walls (2)	20.659	0.15
Exposed wall: Walls (3)	22.9245	0.23
Ground floor: FP McCann System, FP McCann System	75	0.12

2c Openings (better than typically expected values are flagged with a subsequent (!))				
Name	Area [m <sup>2</sup> ]	Orientation	Frame factor	U-Value [W/m <sup>2</sup> K]
Door to Corridor, Door to Corridor	2.121	North East	N/A	1.2
RHS Windows, Window	2.4435	South East	1.0	1.3
RHS Windows, Window	0.9555	South East	1.0	1.3
Rear Windows, Window	1.2285	South West	1.0	1.3
Rear Windows, Window	1.2285	South West	1.0	1.3
Rear Windows, Window	1.2285	South West	1.0	1.3
LHS Windows, Window	1.2285	North West	1.0	1.3
LHS Windows, French Door	5.2185	North West	1.0	1.4

2d Thermal bridging (better than typically expected values are flagged with a subsequent (!))
Building part 1 - Main Dwelling: Thermal bridging calculated from linear thermal transmittances for each junction

Main element	Junction detail	Source	Psi value [W/mK]	Drawing / reference
External wall	E2: Other lintels (including other steel lintels)	Calculated by person with suitable expertise	0.046	E2 - Catnic Thermally Broken
External wall	E2: Other lintels (including other steel lintels)	Calculated by person with suitable expertise	0.71	E02 - Default*SF
External wall	E3: Sill	Calculated by person with suitable expertise	0.021 (!)	E3 - KI_PSI_E3_SF34_0001
External wall	E4: Jamb	Calculated by person with suitable expertise	0.016 (!)	E4 - KI_PSI_E4_SF34_0001
External wall	E4: Jamb	Calculated by person with suitable expertise	0.071	E04 - Door to Corridor * SF
External wall	E5: Ground floor (normal)	Calculated by person with suitable expertise	0.06	E05 - Briary Calc - Para
External wall	E5: Ground floor (normal)	Calculated by person with suitable expertise	0.2272	E05 - Default*SF
External wall	E7: Party floor between dwellings (in blocks of flats)	Calculated by person with suitable expertise	0.039 (!)	E7 - KI_PSI_E7_SF34_0001
External wall	E7: Party floor between dwellings (in blocks of flats)	Calculated by person with suitable expertise	0.0235 (!)	E7 - KI_PSI_E7_SF34_0001 - Cor
External wall	E16: Corner (normal)	Calculated by person with suitable expertise	0.045	E16 - KI_PSI_E16_SF34_0001
External wall	E7: Party floor between dwellings (in blocks of flats)	Calculated by person with suitable expertise	0.04	E7 - KI_PSI_E7_SF34_0001
External wall	E16: Corner (normal)	Calculated by person with suitable expertise	0.055	E16 - KI_PSI_E16_SF34_0001
External wall	E2: Other lintels (including other steel lintels)	Calculated by person with suitable expertise	0.043	E2 - Catnic Thermally Broken
External wall	E3: Sill	Calculated by person with suitable expertise	0.021 (!)	E3 - KI_PSI_E3_SF34_0001
External wall	E4: Jamb	Calculated by person with suitable expertise	0.016 (!)	E4 - KI_PSI_E4_SF34_0001
External wall	E9: Balcony between dwellings - wall insulation continuous	Calculated by person with suitable expertise	0.075	E9 Default/2

### 3 Air permeability (better than typically expected values are flagged with a subsequent (!))

Maximum permitted air permeability at 50Pa	8 m <sup>3</sup> /hm <sup>2</sup>	
Dwelling air permeability at 50Pa	4 m <sup>3</sup> /hm <sup>2</sup> , Design value	OK
Air permeability test certificate reference		

### 4 Space heating

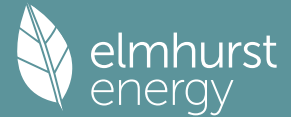
<b>Main heating system 1:</b> Boiler with radiators or underfloor heating - Mains gas	
Efficiency	92.5%
Emitter type	Radiators
Flow temperature	55°C
System type	Combi boiler
Manufacturer	Ideal Boilers
Model	LOGIC COMBI
Commissioning	
<b>Secondary heating system:</b> N/A	
Fuel	N/A
Efficiency	N/A
Commissioning	

### 5 Hot water

<b>Cylinder/store</b> - type: N/A	
Capacity	N/A
Declared heat loss	N/A
Primary pipework insulated	N/A
Manufacturer	
Model	
Commissioning	

<b>Waste water heat recovery system 1</b> - type: N/A		
Efficiency		
Manufacturer		
Model		
<b>6 Controls</b>		
<b>Main heating 1</b> - type: Programmer, room thermostat, and TRVs		
Function		
Ecodesign class		
Manufacturer		
Model		
<b>Water heating</b> - type: Cylinder thermostat and HW separately timed		
Manufacturer		
Model		
<b>7 Lighting</b>		
Minimum permitted light source efficacy	75 lm/W	
Lowest light source efficacy	90 lm/W	OK
External lights control	N/A	
<b>8 Mechanical ventilation</b>		
<b>System type:</b> Decentralised mechanical extract		
Maximum permitted specific fan power	0.7 W/(l/s)	
Specific fan power	0.17 W/(l/s)	OK
Minimum permitted heat recovery efficiency	N/A	
Heat recovery efficiency	N/A	N/A
Manufacturer/Model	Lo-Carbon NBR dMEV C 100, 498095	
Commissioning		
<b>9 Local generation</b>		
Technology type: <b>Photovoltaic system (1)</b>		
Peak power	0.8 kWp	
Orientation	South	
Pitch	45°	
Overshading	None or very little	
Manufacturer		
MCS certificate		
<b>10 Heat networks</b>		
N/A		
<b>11 Supporting documentary evidence</b>		
N/A		
<b>12 Declarations</b>		
<b>a. Assessor Declaration</b>		
This declaration by the assessor is confirmation that the contents of this BREL Compliance Report are a true and accurate reflection based upon the design information submitted for this dwelling for the purpose of carrying out the "As designed" assessment, and that the supporting documentary evidence (SAP Conventions, Appendix 1 (documentary evidence) schedules the minimum documentary evidence required) has been reviewed in the course of preparing this BREL Compliance Report.		
Signed:	Assessor ID:	
Name:	Date:	
<b>b. Client Declaration</b>		
N/A		

# Summary for Input Data



Property Reference	4907-YO71-6328-914	Issued on Date	18/06/2024
Assessment Reference	914 - GF Block 1	Prop Type Ref	Block 1 - GF
Property	Apartment		

SAP Rating	89 B	DER	12.87	TER	13.75
Environmental	90 B	% DER < TER			6.40
CO <sub>2</sub> Emissions (t/year)	0.81	DFEE	36.80	TFEE	39.14
Compliance Check	See BREL	% DFEE < TFEE			5.97
% DPER < TPER	4.38	DPER	69.26	TPER	72.43

Assessor Details	Mr. Sean Hunter	Assessor ID	Y071-0001
Client			

## SUMMARY FOR INPUT DATA FOR: New Build (As Designed)

Orientation	Northeast	
Property Tenture	ND	
Transaction Type	6	
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	2020	
3.0 Property Age Band	L	
4.0 Sheltered Sides	1	
5.0 Sunlight/Shade	Average or unknown	
6.0 Thermal Mass Parameter	Precise calculation	
Thermal Mass	N/A	kJ/m <sup>2</sup> K
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
Basement:	0.00 m	0.00 m <sup>2</sup>	0.00 m
Ground floor:	35.00 m	75.00 m <sup>2</sup>	2.34 m
1st Storey:	0.00 m	0.00 m <sup>2</sup>	0.00 m
2nd Storey:	0.00 m	0.00 m <sup>2</sup>	0.00 m
3rd Storey:	0.00 m	0.00 m <sup>2</sup>	0.00 m
4th Storey:	0.00 m	0.00 m <sup>2</sup>	0.00 m
5th Storey:	0.00 m	0.00 m <sup>2</sup>	0.00 m
6th Storey:	0.00 m	0.00 m <sup>2</sup>	0.00 m
7th Storey:	0.00 m	0.00 m <sup>2</sup>	0.00 m

8.0 Living Area	29.24	m <sup>2</sup>
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### 9.0 External Walls

Description	Type	Construction	U-Value (W/m <sup>2</sup> K)	Kappa (kJ/m <sup>2</sup> K)	Gross Area(m <sup>2</sup> )	Nett Area (m <sup>2</sup> )	Shelter Res	Shelter	Openings	Area Calculation Type
125 mm Knauf Supafil 34	Cavity Wall	Cavity wall : plasterboard on dabs, AAC block, filled cavity, any outside structure	0.22	60.00	41.63	31.78	0.00	None	9.85	Enter Gross Area
E-WM-30 to Corridor	Cavity Wall	Cavity wall : plasterboard on dabs, AAC block, filled cavity, any outside structure	0.24	60.00	22.78	20.66	2.50	Stairwell	2.12	Enter Gross Area
125mm knauf supafil 32 10.4n	Cavity Wall	Cavity wall; plasterboard on dabs or battens, lightweight aggregate block, filled cavity, any outside structure	0.23	110.00	26.61	22.92	0.00	None	3.69	Enter Gross Area

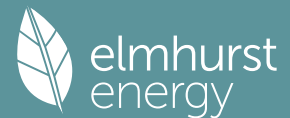
### 9.1 Party Walls

Description	Type	Construction	U-Value (W/m <sup>2</sup> K)	Kappa (kJ/m <sup>2</sup> K)	Area (m <sup>2</sup> )	Shelter Res	Shelter
E-WM-30	Filled Cavity with Edge Sealing	Plasterboard on dabs mounted on cement render on both sides, AAC blocks, cavity	0.00	45.00	17.21	0.00	None

### 9.2 Internal Walls

Description	Construction	Kappa (kJ/m <sup>2</sup> K)	Area (m <sup>2</sup> )
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# Summary for Input Data



Timber GF Plasterboard on timber frame 9.00 128.70

## 10.1 Party Ceilings

Description	Construction	Kappa (kJ/m²K)	Area (m²)
E-FC-4	Precast concrete plank floor (screed laid on rubber), carpeted	30.00	75.00

## 11.0 Heat Loss Floors

Description	Type	Storey Index	Construction	U-Value (W/m²K)	Shelter Code	Shelter Factor	Kappa (kJ/m²K)	Area (m²)
FP McCann System	Ground Floor - Solid	Lowest occupied	Suspended concrete floor, carpeted	0.12	None	0.00	75.00	75.00

## 12.0 Opening Types

Description	Data Source	Type	Glazing	Glazing Gap	Filling Type	G-value	Frame Type	Frame Factor	U Value (W/m²K)
Solid Door	Manufacturer	Solid Door			None	0.00	Wood	0.70	1.20
Half Glaze	Manufacturer	Half Glazed Door	Double Low-E Soft 0.05		None	0.71	Wood	0.70	1.10
Window	BFRC, BSI or CERTASS data	Window	Double Low-E Soft 0.05		None	0.47	Wood	1.00	1.30
Window Type 2	Manufacturer	Window	Double Low-E Soft 0.05		None	0.63	Wood	0.70	0.90
Window Type 3	Manufacturer	Window	Double Low-E Soft 0.05		None	0.71	Wood	0.70	1.30
French Door	BFRC, BSI or CERTASS data	Window	Double Low-E Hard 0.2		None	0.40	Wood	1.00	1.40
French Door Type 2	Manufacturer	Window	Double Low-E Soft 0.05		None	0.63	Wood	0.70	1.50
Roof Window	Manufacturer	Roof Window	Double Low-E Soft 0.05		None	0.71	Wood	0.70	1.80
Roof Window Type 2	Manufacturer	Roof Window	Double Low-E Soft 0.05		None	0.63	Wood	0.70	1.50
Door to Corridor	Manufacturer	Door to Corridor			None	0.00	Wood	0.70	1.20

## 13.0 Openings

Name	Opening Type	Location	Orientation	Area (m²)	Pitch
Door to Corridor	Door to Corridor	E-WM-30 to Corridor	North East	2.12	0
RHS Windows	Window	125 mm Knauf Supafil 34	South East	3.40	0
Rear Windows	Window	125mm knauf supafil 32 10.4n	South West	3.69	0
LHS Windows	Window	125 mm Knauf Supafil 34	North West	1.23	0
LHS Windows	French Door	125 mm Knauf Supafil 34	North West	5.22	0

## 14.0 Conservatory

None

## 15.0 Draught Proofing

100 %

## 16.0 Draught Lobby

No

## 17.0 Thermal Bridging

Calculate Bridges

## 17.1 List of Bridges

Bridge Type	Source Type	Length	Psi	Adjusted Reference:	Imported
E2 Other lintels (including other steel lintels)	Independently assessed	6.13	0.05	0.05 E2 - Catnic Thermally Broken	No
E2 Other lintels (including other steel lintels)	Independently assessed	1.00	0.71	0.71 E02 - Default*SF	No
E3 Sill	Independently assessed	3.63	0.02	0.02 E3 - KI_PSI_E3_SF34_0001	No
E4 Jamb	Independently assessed	11.70	0.02	0.02 E4 - KI_PSI_E4_SF34_0001	No
E4 Jamb	Independently assessed	4.20	0.07	0.07 E04 - Door to Corridor * SF	No
E5 Ground floor (normal)	Independently assessed	26.36	0.06	0.06 E05 - Briary Calc - Para	No
E5 Ground floor (normal)	Independently assessed	8.80	0.23	0.23 E05 - Default*SF	No
E7 Party floor between dwellings (in blocks of flats)	Independently assessed	12.26	0.04	0.04 E7 - KI_PSI_E7_SF34_0001	No
E7 Party floor between dwellings (in blocks of flats)	Independently assessed	8.80	0.02	0.02 E7 - KI_PSI_E7_SF34_0001 - Cor	No
E16 Corner (normal)	Independently assessed	5.18	0.04	0.04 E16 - KI_PSI_E16_SF34_0001	No
E7 Party floor between dwellings (in blocks of flats)	Independently assessed	10.28	0.04	0.04 E7 - KI_PSI_E7_SF34_0001	No
E16 Corner (normal)	Independently assessed	5.18	0.06	0.06 E16 - KI_PSI_E16_SF34_0001	No
E2 Other lintels (including other steel lintels)	Independently assessed	2.73	0.04	0.04 E2 - Catnic Thermally Broken	No
E3 Sill	Independently assessed	2.73	0.02	0.02 E3 - KI_PSI_E3_SF34_0001	No
E4 Jamb	Independently assessed	8.10	0.02	0.02 E4 - KI_PSI_E4_SF34_0001	No
E9 Balcony between dwellings, wall insulation continuous	Independently assessed	2.34	0.07	0.07 E9 Default/2	No

Y-value 0.00 W/m²K

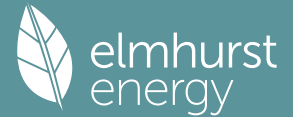
## 18.0 Pressure Testing

Designed AP <sub>50</sub>	Yes	
Property Tested?	4.00	m³/(h.m²) @ 50 Pa
Test Method	Yes	
As Built AP <sub>50</sub>	Blower Door	
	15.00	m³/(h.m²) @ 50 Pa

## 19.0 Mechanical Ventilation

Mechanical Ventilation	
Mechanical Ventilation System Present	Yes
Approved Installation	No
Mechanical Ventilation data Type	Database
Type	Mechanical extract ventilation - decentralised

# Summary for Input Data



MV Reference Number	500776
Duct Type	Rigid
MVHR Efficiency	0.00
Wet Rooms	2
SFP from Installer Commissioning Certificate	No

## 19.1 Mechanical extract ventilation - Decentralised

SFP	Fan/Room Type	Count
0.14	In Room Fan	1
	Kitchen	
0.11	In Room Fan Other	1
	Wet Room	
0.00	In Duct Fan Kitchen	0
0.00	In Duct Fan Other	0
	Wet Room	
0.08	Through Wall Fan	0
	Kitchen	
0.08	Through Wall Fan	0
	Other Wet Room	

## 20.0 Fans, Open Fireplaces, Flues

### 21.0 Fixed Cooling System

No

### 22.0 Lighting

No Fixed Lighting

No

Name	Efficacy	Power	Capacity	Count
PL1 8.5 watt bayonet cap lamp	90.00	9	810	6
PL1LED3K-BC				

### 24.0 Main Heating 1

Percentage of Heat	100.00	%
Database Ref. No.	17956	
Fuel Type	Mains gas	
SAP Code	104	
In Winter	89.00	
In Summer	87.30	
Model Name	LOGIC COMBI	
Manufacturer	Ideal Boilers	
System Type	Combi boiler	
Controls SAP Code	2106	
PCDF Controls	0	
Delayed Start Stat	No	
Burner Control	Modulating	
Boiler Compensator	200005	
HETAS approved System	No	
Oil Pump Inside	No	
FI Case	0.00	
FI Water	0.00	
Flue Type	Balanced	
Smoke Control Area	Unknown	
Fan Assisted Flue	Yes	
Is MHS Pumped	Pump in heated space	
Heating Pump Age	2013 or later	
Heat Emitter	Radiators	
Flow Temperature	Enter value	
Flow Temperature Value	55.00	
Boiler Interlock	Yes	

# Summary for Input Data

Electric CPSU Temperature

Combi boiler type

Combi keep hot type

**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			0.00	0.00	0.00	0.00	0.00		
Heat source 2	None			0.00	0.00	0.00	0.00	0.00		
Heat source 3	None			0.00	0.00	0.00	0.00	0.00		
Heat source 4	None			0.00	0.00	0.00	0.00	0.00		
Heat source 5	None			0.00	0.00	0.00	0.00	0.00		

**28.0 Water Heating**

Water Heating

SAP Code

Flue Gas Heat Recovery System

Waste Water Heat Recovery Instantaneous System 1

Waste Water Heat Recovery Instantaneous System 2

Waste Water Heat Recovery Storage System

Solar Panel

Water use <= 125 litres/person/day

Summer Immersion

Cold Water Source

Bath Count

Baths connected to WWHRS

Supplementary Immersion

Immersion Only Heating Hot Water

**28.1 Showers**

Description	Shower Type	Flow Rate [l/min]	Rated Power [kW]	Connected	Connected To
Shower	Combi boiler or unvented hot water system	8.00		No	

**28.3 Waste Water Heat Recovery System**

**29.0 Hot Water Cylinder**

Cylinder Stat

Cylinder In Heated Space

Independent Time Control

Insulation Type

Insulation Thickness

Cylinder Volume  L

Loss  kWh/day

Pipes insulation

In Airing Cupboard

**31.0 Thermal Store**

Thermal Store Pipework

**32.0 Photovoltaic Unit**

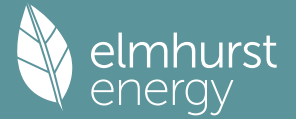
Export Capable Meter?

Connected To Dwelling

Diverter

Battery Capacity [kWh]

# Summary for Input Data



PV Cells kWp	Orientation	Elevation	Overshading	FGHRS	MCS Certificate	Overshading Factor	MCS Certificate Reference	Panel Manufacturer
0.80	South	45°	None Or Little	No	No	1.00		

### 34.0 Small-scale Hydro

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

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

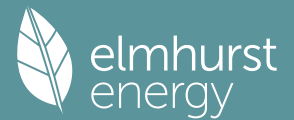
Lower cost measures

None

Further measures to achieve even higher standards

None

# Predicted Energy Assessment

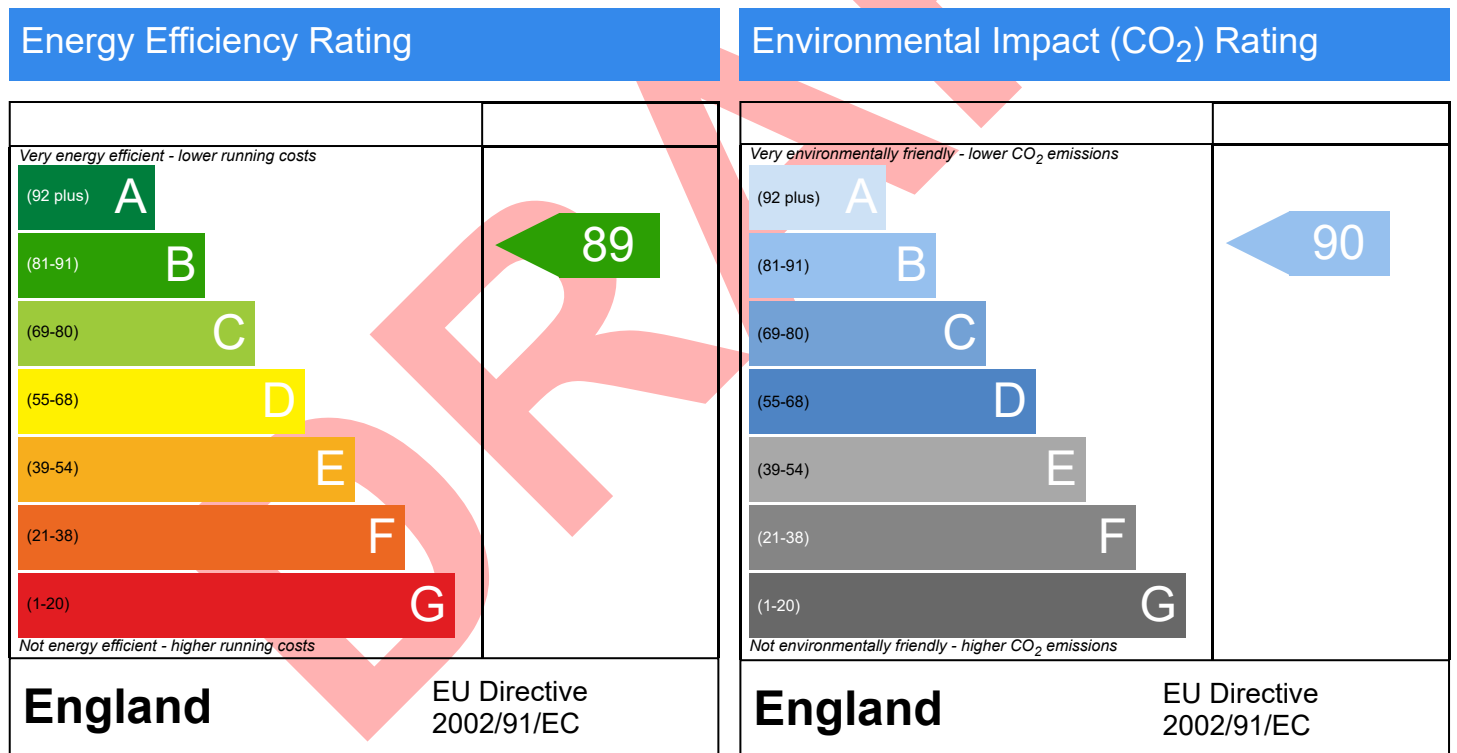


Apartment

Dwelling type: Flat, Detached  
 Date of assessment: 18/06/2024  
 Produced by: Sean Hunter  
 Total floor area: 75 m<sup>2</sup>  
 DRRN:

This document is a Predicted Energy Assessment for properties marketed when they are incomplete. It includes a predicted energy rating which might not represent the final energy rating of the property on completion. Once the property is completed, this rating will be updated and an official Energy Performance Certificate will be created for the property. This will include more detailed information about the energy performance of the completed property.

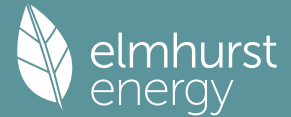
The energy performance has been assessed using the Government approved SAP 10 methodology and is rated in terms of the energy use per square meter of floor area; the energy efficiency is based on fuel costs and the environmental impact is based on carbon dioxide (CO<sub>2</sub>) emissions.



The energy efficiency rating is a measure of the overall efficiency of a home. The higher the rating the more energy efficient the home is and the lower the fuel bills are likely to be.

The environmental impact rating is a measure of a home's impact on the environment in terms of carbon dioxide (CO<sub>2</sub>) emissions. The higher the rating the less impact it has on the environment.

# Thermal Bridging



Property Reference	4907-YO71-6328-914	Issued on Date	18/06/2024
Assessment Reference	914 - GF Block 1	Prop Type Ref	Detached Flat
Property	Apartment		

SAP Rating	89 B	DER	12.87	TER	13.75
Environmental	90 B	% DER < TER			6.40
CO <sub>2</sub> Emissions (t/year)	0.81	DFEE	36.80	TFEE	39.14
Compliance Check	See BREL	% DFEE < TFEE			5.97
% DPER < TPER	4.38	DPER	69.26	TPER	72.43

Assessor Details	Mr. Sean Hunter	Assessor ID	Y071-0001
Client			

	Junction details	Source Type	Psi (W/mK)	Length (m)	Result	Reference
External wall	E2 Other lintels (including other steel lintels)	Independently assessed	0.046	6.13	0.28	E2 - Catnic Thermally Broken
External wall	E2 Other lintels (including other steel lintels)	Independently assessed	0.710	1.00	0.71	E02 - Default*SF
External wall	E3 Sill	Independently assessed	0.021	3.63	0.08	E3 - KI_PSI_E3_SF34_0001
External wall	E4 Jamb	Independently assessed	0.016	11.70	0.19	E4 - KI_PSI_E4_SF34_0001
External wall	E4 Jamb	Independently assessed	0.071	4.20	0.30	E04 - Door to Corridor * SF
External wall	E5 Ground floor (normal)	Independently assessed	0.060	26.36	1.58	E05 - Briary Calc - Para
External wall	E5 Ground floor (normal)	Independently assessed	0.227	8.80	2.00	E05 - Default*SF
External wall	E7 Party floor between dwellings (in blocks of flats)	Independently assessed	0.039	12.26	0.48	E7 - KI_PSI_E7_SF34_0001
External wall	E7 Party floor between dwellings (in blocks of flats)	Independently assessed	0.024	8.80	0.21	E7 - KI_PSI_E7_SF34_0001 - Cor
External wall	E16 Corner (normal)	Independently assessed	0.045	5.18	0.23	E16 - KI_PSI_E16_SF34_0001
External wall	E7 Party floor between dwellings (in blocks of flats)	Independently assessed	0.040	10.28	0.41	E7 - KI_PSI_E7_SF34_0001
External wall	E16 Corner (normal)	Independently assessed	0.055	5.18	0.28	E16 - KI_PSI_E16_SF34_0001
External wall	E2 Other lintels (including other steel lintels)	Independently assessed	0.043	2.73	0.12	E2 - Catnic Thermally Broken
External wall	E3 Sill	Independently assessed	0.021	2.73	0.06	E3 - KI_PSI_E3_SF34_0001
External wall	E4 Jamb	Independently assessed	0.016	8.10	0.13	E4 - KI_PSI_E4_SF34_0001
External wall	E9 Balcony between dwellings, wall insulation continuous	Independently assessed	0.075	2.34	0.18	E9 Default/2

Total:  W/mK:  
 Y-Value:  W/m²K: