Predicted Energy Assessment



Plot 4, Rovers Way, Doncaster

Dwelling type:
Date of assessment:
Produced by:
Total floor area:
DRRN:

House, Semi-Detached 25/04/2025 Simon Nind 95.04 m²

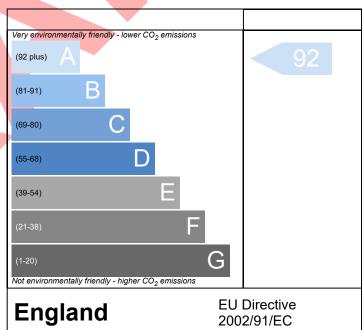
This document is a Predicted Energy Assessment for properties marketed when they are incomplete. It includes a predicted energy rating which might not represent the final energy rating of the property on completion. Once the property is completed, this rating will be updated and an official Energy Performance 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 (CO2) emissions.

Very energy efficient - lower running costs (92 plus) A (81-91) B (69-80) C (55-68) (39-54) E (1-20) G Not energy efficient - higher running costs England England EU Directive 2002/91/EC

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.

Environmental Impact (CO₂) Rating



The environmental impact rating is a measure of a home's impact on the environment in terms of carbon dioxide (CO_2) emissions. The higher the rating the less impact it has on the environment.



Property Reference	Plot 4 Issu					Issu	ed on Da	te	25/04/202	5			
Assessment Reference	Prop Type Ref												
Property	Plot 4	, Rovers	Way, Donc	aster									
SAP Rating				97 A	DER		9.4	1		TER		10.86	
Environmental Environmental				92 A	% DEF	R < TER						13.35	
CO ₂ Emissions (t/year)				0.84	DFEE		32.	10		TFEE		35.59	
Compliance Check				See BREL		E < TFI		. •				9.81	
% DPER < TPER				13.05	DPER		49.	31		TPER		56.71	
Assessor Details	Mr. Simon	Nind								Assess	or ID	6133-0	002
Client	Swan, Sw		es										
SUMMARY FOR INPU				s Designed)									
Orientation			`	North									
Property Tenture				1									
				6									
Transaction Type Terrain Type				Suburban									
					shad								
1.0 Property Type				House, Semi-Detac	леа								
2.0 Number of Storeys				2									
3.0 Date Built				2022									
4.0 Sheltered Sides				[1									
5.0 Sunlight/Shade				Average or unknow									
6.0 Thermal Mass Paramet	er			Precise calculation									
Thermal Mass				315.16						kJ/m²K			
7.0 Electricity Tariff				7 Hour Off Peak									
Smart electricity meter fi	tted			Yes									
Smart gas meter fitted				No									
7.0 Measurements					Hee		Perimete			oor Area		verage Sto	
				Ground flo 1st Sto	or:	19.50 19.50) m	:i IIII	47.5 47.5	2 m²	1 A	2.40 2.60	m
8.0 Living Area				36.77						m²			
9.0 External Walls													
	Туре	Constr	uction			Kappa (kJ/m²K	Gross () Area(m²	Nett Area (m²)	Shelter Res	Shelt	er C	penings Are	a Calculation Type
External Wall 1	Cavity Wall	lightwe		ard on dabs or battens, block, filled cavity, any	0.18	110.00	97.50	82.26	0.00	None	Э	15.24 Calc	
9.1 Party Walls													
Description	Type		Construct	ion				U-Value (W/m²K)					Shelter
Party Wall 1	Filled Cav Edge Sea		Dense pla	ster both sides, den	se blocks,	cavity o	r cavity	0.00	180.00				None
9.2 Internal Walls													
Description			Construction	on								Kappa (kJ/m²K)	Area (m
Internal Wall 1 Internal Wall 2				k, plasterboard on d d on timber frame	abs							75.00 9.00	56.64 89.76
10.0 External Roofs													
Description	Туре	Co	nstruction				Kappa (kJ/m²K)	Gross Area(m²)	Nett Area	Shelter Code		r Calculatio	nOpenin
External Roof 1	External Pla Roof	ne Pla	sterboard, i	nsulated at ceiling le	•	0.12	9.00	47.52	(m²) 47.52	None	0.00	Enter Gros	ss 0.00
10.2 Internal Ceilings													
Description Internal Ceiling 1		Store	y st occupied	Construction Plasterboard ceil	ing carnet	ed chin	noard flo	or					ea (m²) 17.52



11.2 Internal Floors Description Index Indep Index Indep Index Indep Index Indep	•	Туре	Storey Inde		Construction		U-Va (W/m	²K)	Shelter Code	Fa	ctor (kJ/m	
Description Enternal Floor Index Index Posterior Index		Ground Floor - Solid	Lowest occi	ıbıea	Slab on ground, screed or	ver insulation	0.1	2	None	0.	00 110.0	00 47.52
Indernal Pircor 1			Storey	Cons	struction						Kappa	Area (m²)
Description	•			Plast	erboard ceiling, carpe	eted chipboard flo	or				(kJ/m²K)	
Description Data Source Type Clazzing Clazzin	-				g, ca.p.						0.00	
Door Manufacturer Windows Manufacturer Windows Double placed 0,76 0,70 1.4		Data Source	Туре		Glazing				G-value			U Value (W/m²K)
Name				ed Doo	9			31.		,,,	0.70	1.40 1.40
Front door	13.0 Openings											
Front windows Windows Esternal Wall 1 South			pe								Pi	tch
Rear windows												
15.0 Draught Lobby												
16.0 Draught Lobby No	14.0 Conservatory				None							
17.0 Thermal Bridging	15.0 Draught Proofing			Ŀ	100				%			
17.1 List of Bridges Source Type Source Type E2 Other lintels (including other steel lintels) Independently assessed 10.60 0.02 0.02 Building Alliance CIC N N E3 E3 Milliance CIC N N E4 Milliance CIC N Milliance CIC N N Milliance CIC Milliance CIC N Milliance CIC Milliance CIC N Milliance CIC Mil	16.0 Draught Lobby			[No							
Source Type	• •				Calculate Bridges							
E3 Sill independently assessed 9.60 0.02 0.02 Building Alliance CIC N. E4 Jamb Independently assessed 19.50 0.02 0.02 Building Alliance CIC N. E5 Ground floor (normal) Independently assessed 19.50 0.05 0.05 Building Alliance CIC N. E16 Corner (normal) Independently assessed 19.50 0.05 0.05 Building Alliance CIC N. E16 Corner (normal) Independently assessed 10.00 0.08 Building Alliance CIC N. E16 Corner (normal) Independently assessed 10.00 0.08 Building Alliance CIC N. E16 Corner (normal) Independently assessed 10.00 0.04 0.04 Building Alliance CIC N. E16 Party wall chemical celling level Independently assessed 9.80 0.04 0.04 Building Alliance CIC N. E16 Party wall chemical floor within a dwelling P4 Party wall - Roof (insulation at ceiling level) Table K1 - Default 9.90 0.04 0.04 Building Alliance CIC N. E16 Party wall - Roof (insulation at ceiling level) Independently assessed 19.00 0.04 0.04 Building Alliance CIC N. E16 Party wall - Roof (insulation at ceiling level) Independently assessed 19.00 0.04 0.04 Building Alliance CIC N. N. Party wall - Roof (insulation at ceiling level) Independently assessed 19.00 0.04 0.04 Building Alliance CIC N. N. N. Party wall - Roof (insulation at ceiling level) Independently assessed 19.00 0.00 0.00 Building Alliance CIC N. N. N. Party wall - Roof (insulation at ceiling level) Independently assessed 19.00 0.00 0.00 Building Alliance CIC N. N. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. Party wall - Roof (insulation System Present No. N. N. Party wall - Roof (insulation System Present No. N. Party wall - Roof (insulation System Present No. N. Party wall - Roof (insulation System Present	•					Length	Psi	Adjusted				Imported
E4 Jamb		other steel lintel	ls)									No No
E10 Eaves (Insulation at ceiling level) Independently assessed 5.04 0.06 0.0	E4 Jamb			Indep	endently assessed	30.00	0.02	0.02	Building Alli	ance CIC		No
E12 Gable (insulation at ceiling level) Independently assessed 9.90 0.04 0.04 Building Alliance CIC N.		ceiling level)										No No
E18 Party wall between dwellings Independently assessed 10.00 0.04 Building Alliance CIC N. P1 Party wall - Ground floor P2 Party wall - Intermediate floor within a dwelling P2 Party wall - Intermediate floor within a dwelling P4 Party wall - Not (insulation at ceiling level) E6 Intermediate floor within a dwelling Table K1 - Default 9.90 0.04 0.04 Building Alliance CIC N.		ooiling lovel)										No
P2 Party wall - Intermediate floor within a dwelling P4 Party wall - Roof (insulation at ceiling lever) E6 Intermediate floor within a dwelling P4 Party wall - Roof (insulation at ceiling lever) E6 Intermediate floor within a dwelling P4 Party wall - Roof (insulation at ceiling lever) E6 Intermediate floor within a dwelling P4 Party wall - Roof (insulation at ceiling lever) P5	E18 Party wall between d	wellings		Indep	endently assessed	10.00	0.04	0.04	Building Alli	ance CIC		No
P4 Party wall - Roof (insulation at ceiling level) Table K1 - Default 19.50 0.04 0.48 0.48 N.			dwelling						Building Alli	ance CIC		No No
19.0 Mechanical Ventilation Mechanical Ventilation Mechanical Ventilation Mechanical Ventilation System Present No 20.0 Fans, Open Fireplaces, Flues Number of open chimneys Number of open chimneys Number of open flues Number of flues attached to closed fire Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Pess Solo Blower Door Name Efficacy Power Capacity Count	P4 Party wall - Roof (insu	lation at ceiling le		Table	K1 - Default	9.90	0.48	0.48	Building Alli	ance CIC		No No
Mechanical Ventilation Mechanical Ventilation System Present No 20.0 Fans, Open Fireplaces, Flues Number of open chimneys Number of open chimneys Number of open flues Number of chimneys/flues attached to closed fire Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed AP-so Test Method No No No No No No No No No	Y-value			(0.04				W/m²K			
Mechanical Ventilation System Present No 20.0 Fans, Open Fireplaces, Flues Number of open chimneys Number of open chimneys Number of open flues Number of open flues Number of chimneys/flues attached to closed fire Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of flueless gas fires 21.0 Fixed Cooling System No Zerossure Testing Designed AP-so Test Method No No No No No No No No No	19.0 Mechanical Ventilation											
20.0 Fans, Open Fireplaces, Flues Number of open chimneys Number of open flues Number of open flues Number of chimneys/flues attached to closed fire Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System Yes Designed AP 50 Test Method Blower Door No No Efficacy Power Capacity Count	Mechanical Ventilation											
Number of open chimneys Number of open flues Number of chimneys/flues attached to closed fire Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of gassive vents Number of flueless gas fires 21.0 Fixed Cooling System No Session Solution No Selection Solution No Selection Solution No Selection Solution No No Selection Solution Selection Solution Selection Solution Selection Solution No Selection Solution Selection Solution Selection Solution Selection Solution Selection Solution No Selection Solution Selection Selection Solution Selection Selection Selection Selection Selection Sel	Mechanical Ventilati	on System Prese	ent	[No							
Number of open flues Number of chimneys/flues attached to closed fire Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed AP ₅₀ Test Method Blower Door No No Name Efficacy Power Capacity Count	20.0 Fans, Open Fireplaces,	, Flues							_			
Number of chimneys/flues attached to closed fire Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed APso Test Method Blower Door No No No No No No No Rame Efficacy Power Capacity Count	Number of open chimneys	S)							
Number of flues attached to solid fuel boiler Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed AP 30 Test Method Blower Door No No No Rame Efficacy Power Capacity Count	Number of open flues			L)							
Number of flues attached to other heater Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed AP ₅₀ Test Method Blower Door No No No Rame Efficacy Power Capacity Count	·				-							
Number of blocked chimneys Number of intermittent extract fans Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed APso Test Method Blower Door No No Capacity Count			er									
Number of intermittent extract fans Number of passive vents 0 Number of flueless gas fires 0 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed AP ₃₀ Test Method Blower Door No No No No No Rame Efficacy Power Capacity Count					-							
Number of passive vents Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed AP ₅₀ Test Method Blower Door No No No Fixed Lighting No Fixed Lighting No Mame Efficacy Power Capacity Count		-										
Number of flueless gas fires 21.0 Fixed Cooling System No 22.0 Pressure Testing Designed AP ₅₀ Test Method Designed AP ₅₀ No Fixed Lighting No Fixed Lighting No Fixed Lighting No Mame Efficacy Power Capacity Count		tract fans										
21.0 Fixed Cooling System No	·				-							
22.0 Pressure Testing Yes m³/(h.m²) @ 50 Pa Designed AP ₅₀ 5.00 m³/(h.m²) @ 50 Pa Test Method Blower Door 22.0 Lighting No No Fixed Lighting No Name Efficacy Power Capacity Count		<u></u>			J							
Designed AP so Test Method Blower Door 22.0 Lighting No Fixed Lighting No Mame Efficacy Power Capacity Count	21.0 Fixed Cooling System				No							
Test Method Blower Door 22.0 Lighting No Fixed Lighting No Name Efficacy Power Capacity Count	22.0 Pressure Testing				Yes							
22.0 Lighting No Fixed Lighting No Name Efficacy Power Capacity Count	Designed AP50			[5.00				m³/(h.m²	²) @ 50 Pa	a	
No Fixed Lighting No Name Efficacy Power Capacity Count	Test Method			L	Blower Door							
Name Efficacy Power Capacity Count				г								
· · · · · · · · · · · · · · · · · · ·	No Fixed Lighting			Ĺ		Efficació				alter	_	4
24.0 Main Heating 1 Database	24.0 Main Heating 1									_	_	



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none				
Main Heating 1				
901				
No				
em 1 No				
em 2 No				
No				
No				
Yes				
From mains				
1				
-			_	
ower Type	Flow Rate		Connected	Connected To
	[I/min] 7.00 7.00	[KVV]	Yes Yes	Storage System Storage System
None			7	
None				
No				
No			<u></u>	
No One Dwelling				
No One Dwelling Yes				
No One Dwelling				
	None Main Heating 1 901 No em 1 No No No No No Yes From mains	Mains gas 89.00 87.30 LOGIC COMBI Ideal Boilers Combi boiler 2112 Yes Balanced Yes Pump in heated space 2013 or later Radiators and Underfloor Yes - Pipes in thin screed Enter value 45.00 Standard Combi None None None Main Heating 1 901 No tem 1 No tem 2 No No No Yes From mains 1 Piow Rate [I/min] 7.00	17929	17929



i	PV Cells kV	V р	Orientation	Elevation	Overshad	ling FGHRS	MCS		Overshading Factor	MCS Certificate Reference	Panel Manufacturer
3	3.00		South	30°	None Or L	ittle	No	1	1.00	Reference	
34.0 Smal	II-scale Hyd	dro			None						
Ja	an	Feb	Mar	Apr	May J	un J	ul .	Aug Se _l	p Oct	Nov	Dec

Recommendations

Lower cost measures None

Further measures to achieve even higher standards

Ratings after improvement

SAP rating Environmental Impact

A 97 A 93
0 0
0
0 **Typical Cost** Typical savings per year

Thermal Bridging



Property Reference	Plot 4	Plot 4				25/04/2025
Assessment Reference	00001	00001 Prop Type Ref			Semi-Detached House	е
Property	Plot 4, Rovers Way, Do	ncaster				
SAP Rating		97 A	DER	9.41	TER	10.86
Environmental		92 A	% DER <	TER		13.35
CO ₂ Emissions (t/year)		0.84	DFEE	32.10	TFEE	35.59
Compliance Check		See BREL	% DFEE	< TFEE		9.81
% DPER < TPER		13.05	DPER	49.31	TPER	56.71
Assessor Details	Mr. Simon Nind				Assessor ID	6133-0002
Client	Swan, Swan Homes					

	Junction details	Source Type	Psi (W/mK)	Length (m)	Result	Reference
External wall	E2 Other lintels (including other steel lintels)	Independently assessed	0.020	10.60	0.21	Building Alliance CIC
External wall	E3 Sill	Independently assessed	0.021	9.60	0.20	Building Alliance CIC
External wall	E4 Jamb	Independently assessed	0.016	30.00	0.48	Building Alliance CIC
External wall	E5 Ground floor (normal)	Independently assessed	0.049	19.50	0.96	Building Alliance CIC
External wall	E10 Eaves (insulation at ceiling level)	Independently assessed	0.060	5.04	0.30	Building Alliance CIC
External wall	E16 Corner (normal)	Independently assessed	0.035	10.00	0.35	Building Alliance CIC
External wall	E12 Gable (insulation at ceiling level)	Independently assessed	0.035	9.90	0.35	Building Alliance CIC
External wall	E18 Party wall between dwellings	Independently assessed	0.042	10.00	0.42	Building Alliance CIC
Party wall	P1 Party wall - Ground floor	Independently assessed	0.037	9.90	0.37	Building Alliance CIC
Party wall	P2 Party wall - Intermediate floor within a dwelling	Table K1 - Default	0.000	9.90	0.00	
Party wall	P4 Party wall - Roof (insulation at ceiling level)	Table K1 - Default	0.480	9.90	4.75	
External wall	E6 Intermediate floor within a dwelling	Independently assessed	0.001	19.50	0.02	Building Alliance CIC

Total: 153.84 W/mK: Y-Value: 0.04 W/m²K:



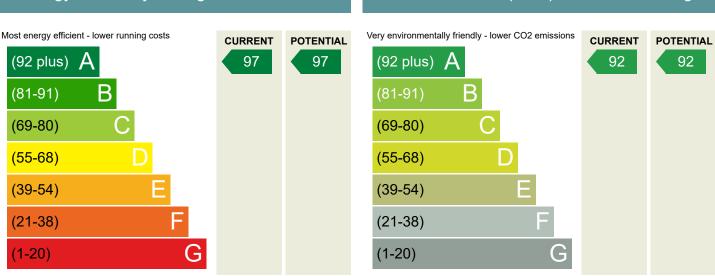
Dwelling Address	Plot 4, Rovers Way, Doncaster
Reference	Plot 4-00001
Assessment Date	06/06/2024
Submission Date	
Property Type	House, Semi-Detached
Total Floor Area	95

This Energy Report has been generated using the UK's National Calculation Methodology for dwellings, Standard Assessment Procedure (SAP). This methodology is used to assess the energy efficiency of dwellings which is calculated based on a dwelling's heating, hot water, ventilation and lighting usage.

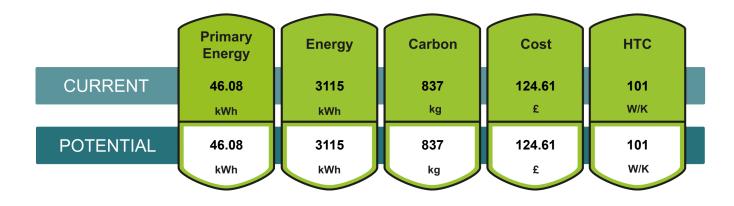
This document is not an Energy Performance Certificate (EPC) as required by the Energy Performance of Buildings Regulations

Energy Efficiency Rating

Carbon Dioxide (CO2) Emissions Rating



Additional ratings for your home





Breakdown of property's energy performance

Each feature is assessed as one of the following:

Very Poor	Poor	Average	Good	Very Good	
Feature	Description			Energy Performance	
Walls	Average thermal transmi	ttance 0.18 W/m²K		Very Good	
Roof	Average thermal transmi	ttance 0.12 W/m²K		Very Good	
Floor	Average thermal transmi	Average thermal transmittance 0.12 W/m²K			
Windows	High performance glazin	High performance glazing			
Main heating	Boiler with radiators and	underfloor heating, mains gas	S	Good	
Main heating controls	Time and temperature zo	one control		Very Good	
Secondary heating	None				
Hot water	From main system			Very Good	
Lighting	Good lighting efficiency	Good			
Air tightness	Air permeability [AP50] =	Good			

Recommendations

The recommended measures provided below will help to improve the energy efficiency of the dwelling. To reach the dwelling's potential energy rating all of the recommended measures shown below would need to be installed. Having these measures installed individually or in any other order may give a different result when compared with the cumulative potential rating.

Recommended measures	Cumulative savings (per year)	Cumulative rating	Typical costs	Incremental savings (per year)	Cumulative CO2 rating
Solar water heating	£18	A 97			A 93

The typical cost is based on average installation prices across the country so may not be representative of the actual costs in your area.

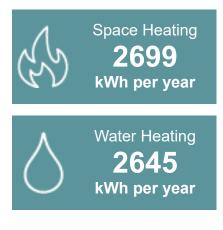


Estimated energy costs of the dwelling

The table below shows the estimated running costs of the space and water heating and lighting within the dwelling. It does not include the energy used from household appliances. The estimated annual costs after potential improvements indicates the total energy cost if all recommended measures named above were installed.

	Estimated annual costs	Estimated annual costs after potential improvements	Potential future savings
Lighting	£81	£81	
Heating	£276	£276	You
Hot Water	£148	£148	could save £0
New Technologies e.g. Impact of PV	-(£380)	-(£380)	
TOTAL	£125	£125	

Estimated energy use and potential savings





About this document

Created by:	
Company/Trading name:	
Phone number:	
Email address:	

Disclaimer

This Energy Report should not under any circumstances be treated as a Condition Survey and cannot be used to indicate that any element of the dwelling (e.g.heating system) is working correctly.

This Energy Report must not be used in situations where an Energy Performance Certificate (EPC) is required.

This Energy Report is generated from a set of data inputs which may not reflect the actual dimensions, services or construction of the dwelling.

The calculation used to generate this report reflects the SAP Methodology current at the time of report generation.

Glossary terms for additional metrics

Primary Energy	The measure of the energy required for lighting, heating and hot water in a property. This includes the efficiency of the property's heating system, power station efficiency for electricity and the energy used to produce the fuel and deliver it to the property.
Energy Used	The estimated amount of fuel energy for lighting, heating and hot water for the property. The estimate is based on typical usage which is likely to be different to actual consumption.
Carbon (CO2)	The current emissions based on the energy estimates.
Cost	The estimated cost of energy. The cost of each unit of fuel is based on an industry standard which is likely to be different to those the occupier actually pays.
Heat Transfer Coefficient	Heat flow through the property envelope where internal and external temperatures are different.



Property Reference	Plot 4 Issued on Date 25/04/2025						25/04/2025	
Assessment Reference	00001 Prop Type Ref			Type Ref	Sem	i-Detached House	•	
Property	Plot 4, Rovers	Plot 4, Rovers Way, Doncaster						
SAP Rating		97 A	DER		9.41		TER	10.86
Environmental		92 A	% DER	< TER	J. 4 1		1211	13.35
	CO ₂ Emissions (t/year)		DFEE		32.10		TFEE	35.59
Compliance Check		0.84 See BREL		E < TFEE	02.10			9.81
% DPER < TPER		13.05	DPER		49.31		TPER	56.71
	r. Simon Nind						Assessor ID	6133-0002
Client	van, Swan Home	es						
This report should be used for documentary evidence. It cann	a client to conf	irm key assessment details f	or product	ion of En	ergy Performa	ance C	ertificates and s	hould be retained as
_		su of a BREE/BRWE/Oompila	nce report	ioi deillo	motrating buil	unig i	regulation comp	marice.
Section 1: Dwelling Informati Dwelling Address (Plea		postal address and post code	of the dwell	ina)				
House Name	Plot 4	postar address and post odde	or the dwell	9./				
House Number	1 101 4							
Postcode								
Street	Rovers Way	l						
Town	Doncaster	<u> </u>						
County	Borroadtor							
Dwelling Orientation	North			(Pleas	e confirm orier	ntation	of main entrance	door of the dwelling.)
Comments	110141			,				3,
Terrain Type		Suburban						
Property Type		House, Semi-Detache	d					
Comments								
Floorwick Towlff		7.1. 0".D						
Electricity Tariff	Cu I	7 Hour Off Peak			_			
Smart electricity mete		Yes						
Smart gas meter fitted	d	No						
Comments								
Section 2: Dwelling Construc	tion Details							
External Walls								
Description	External Wa	all 1 						
Туре	Cavity Wall							
Construction	Cavity wall; outside stru	plasterboard on dabs o cture	or batten	s, lightv	veight aggr	egate	e block, filled	cavity, any
U-value	0.18	W/m²K U-value calcu	lations shou	ıld be pro	vided to verify	the u-\	/alue entered into	the Assessment
Gross Area	97.50	m²						
Comments								



Party \	W	al	ls
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Description	Туре	Construction	U-Value (W/m²K)	Area (m²)
Party Wall 1	Filled Cavity with Edge Sealing	Dense plaster both sides, dense blocks, cavity or cavity fill	0.00	49.50
Comments				

External Roofs

Description	External Roof 1
Type	External Plane Roof
Construction	Plasterboard, insulated at ceiling level
U-value	0.12 W/m²K U-value calculations should be provided to verify the u-value entered into the Assessment
Gross Area	47.52 m²
Comments	

Heat Loss Floors

Description	Heatloss Floor 1
Туре	Ground Floor - Solid
Construction	Slab on ground, screed over insulation
U-value	0.12 W/m²K U-value calculations should be provided to verify the u-value entered into the Assessment
Area	47.52 m ²
Comments	

Opening Types

Description	Data Source	Туре	Glazing	G- Frame Type value	U-Value (W/m²K)
Door	Manufacturer	Half Glazed Door	Double glazed	0.76	` 1.40 ´
Windows	Manufacturer	Window	Double glazed	0.76	1.40
Comments					

Openings

pomingo				
Name	Opening Type	Location	Orientation	Area (m²)
Front door	Door	External Wall 1	North	2.10
Side windows	Windows	External Wall 1	West	2.16
Front windows	Windows	External Wall 1	North	5.04
Rear windows	Windows	External Wall 1	South	5.94
Comments				



Thermal Bridging	Calculate	Bridges				
List of Bridges						
Bridge Type		Source Type	Length		Reference	
E2 Other lintels (including other st	teel lintels)	Independently assesse		(W/mK) 0.02 0.02	Building Alliance CIC Building Alliance CIC	
E4 Jamb		Independently assesse		0.02	Building Alliance CIC	
E5 Ground floor (normal)	1\	Independently assessed		0.05	Building Alliance CIC	
E10 Eaves (insulation at ceiling le E16 Corner (normal)	evei)	Independently assessed Independently assessed		0.06 0.04	Building Alliance CIC Building Alliance CIC	
E12 Gable (insulation at ceiling le	vel)	Independently assesse		0.04	Building Alliance CIC	
E18 Party wall between dwellings		Independently assesse	ed 10.00	0.04	Building Alliance CIC	
P1 Party wall - Ground floor	!41= :	Independently assesse Table K1 - Default		0.04	Building Alliance CIC	
P2 Party wall - Intermediate floor dwelling	within a	Table KT - Delault	9.90	0.00		
P4 Party wall - Roof (insulation at level)	-	Table K1 - Default	9.90	0.48		
E6 Intermediate floor within a dwe		Independently assesse	ed 19.50	0.00	Building Alliance CIC	
Y-value	0.044					
Comments						
Where specific construction detail usually in the form of signed chec		n used documentary ev	vidence shou	ld be prov	ided to the SAP assessor,	
Pressure Testing	Yes					
Designed AP ₅₀	5.00		m³/(m³/(h.m²) @ 50 Pa		
Property Tested?	Yes					
Test Method	Blower Do					
Where an air pressure test has be	een carried	out a copy of the test ce	ertificate sho	uld be forv	varded to the SAP assessor	
Comments						
Section 3: Dwelling Systems						
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 fan	s	4				
Number of passive vents		0				
Number of flueless gas fires		0				



ixed Cooling System	No					
Comments						
ighting						
No Fixed Lighting	No		- cc·			
		Name	Efficacy (lm/W)	Power (W)	Capacity (Im)	Count
Comments		Lighting 1	75.00	5.00	375.00	10
lain Hoating 1	Dotobo					
Main Heating 1	Databa					
Fuel Type Winter Efficiency	Mains (jas ————————————————————————————————————		<u> </u>		
Summer Efficiency	87.30					
Model Name		COMBI		╡ ″		
Manufacturer	Ideal B			=		
System Type	Combi			\exists		
Flue Type	Balanc			Ħ		
Fan Assisted Flue	Yes			Ħ		
Heat Emitter	Radiato	ors and Underflo	or			
Flow Temperature	Enter v	alue				
Flow Temperature Value	45.00					
Comments						
Heating Controls						
Description		Time and temp	perature zone	control by devic	e in PCDB	
Boiler Interlock	Yes					
Delayed Start Stat	Yes					
PCDF Control Description	ription					
Comments						



Main Heating 2	None					
Secondary Heating	None					
Water Heating System				_		
Water Heating	Main He	ating 1]		
Supplementary Immersion	No]		
SAP Code	901]		
Water use <= 125 l/p/day	Yes			1		
Cold Water Source	From ma	ains		Ī		
Number of baths	1			Ī		
Comments				_		
Hot Water Cylinder	None]		
Comments				_		
Showers						
Description	Shower Ty		Flow Rate [I/min]	Rated Co Power [kW]	onnected Con	
shower Shower 2		t water system t water system	7.00 7.00			age System age System
Comments						
Waste Water Heat Recovery S Comments	System					
Section 4: Dwelling Renewable Energ	У					
Photovoltaic Unit	One Dw	elling				
Export Capable Meter?	Yes					
Connected To Dwelling	Yes					
Diverter	No					
Battery Capacity [kWh]	0.00					
PV Cells kWp Orientation	Elevation	Overshading	MCS Certificate	Overshading Factor	MCS Certificate Reference	Panel Manufacture
3.00 South Comments	30°	None Or Little	No	1.00		



Section 5: De	eclaration
I confirm to has been co	the best of my knowledge the details provided in this report are an accurate representation of how the dwelling onstructed.
Signed	
Date	