#### PREDICTED ENERGY ASSESSMENT



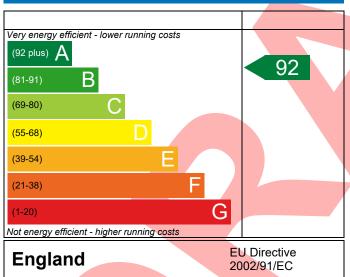
Plot 55, Millfield Nurseries, Spalding Common, Dwelling type: House, Semi-Detached

Spalding, Date of assessment: 19/05/2022 Lincs, Produced by: Jake Eaton PE11 3AU Total floor area: 87.08 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.

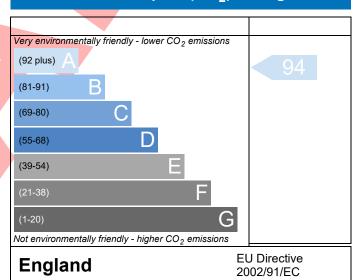
The energy performance has been assessed using the Government approved SAP2012 methodology and is rated in terms of the energy use per square meter of floor area; the energy efficiency is based on fuel costs and the environmental impact is based on carbon dioxide (CO<sub>2</sub>) emissions.

### **Energy Efficiency Rating**



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 (CO<sub>2</sub>) Rating**



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.

This report has not been submitted through the Elmhurst Energy members' portal, therefore results are subject to change when the dwelling is completed.



# **BUILDING REGULATION COMPLIANCE Calculation Type: New Build (As Designed)**



-9.27 (-54.2%) kgCO <sub>2</sub> /m <sup>2</sup> Target Fabric Energy Efficiency (TFEE) 47.84 kWh/m²/yr Dwelling Fabric Energy Efficiency (DFEE) 40.69 kWh/m²/yr  -7.1 (-14.9%) kWh/m²/yr  Pair Criterion 2 — Limits on design flexibility  Limiting Fabric Standards  2 Fabric U-values Element Average Highest External wall 0.23 (max. 0.30) 0.23 (max. 0.70) Pair Party wall 0.00 (max. 0.20) - Pair Party wall 0.12 (max. 0.25) 0.12 (max. 0.70) Pair Roof 0.13 (max. 0.25) 0.12 (max. 0.35) Pair Roof 0.13 (max. 0.20) 1.40 (max. 3.30) Pair Denings 1.38 (max. 2.00)	· · ·	AU Plot 55				Issued on Date	19/05/202
Property   Plot 55, Millfield Nurseries, Spalding Common, Spalding, Lincs, PE11 3AU    SAP Rating   92 A DER   7.84 TER   17.1    Environmental   94 A					Prop Type Ref	Type G Semi	
SAP Rating		5. Millfield Nurseries	. Spalding Co	ommon, Spalding	z. Lincs. PF11 3	AU	
Environmental 94 A % DER <ter (as="" (der)="" (dfee)="" (mains="" (max.="" (t="" (ter)="" (tfee)="" 0.00="" 0.12="" 0.13="" 0.20)="" 0.23="" 0.25)="" 0.30)="" 0.35)="" 0.46="" 0.70)="" 01400283471,="" 1="" 1.00="" 14.95="" 2="" 40.69="" 54.17="" [40.69]="" [47.84]="" [element="" [floor="" [fuel="" [mains="" [painting="" [patric="" [t.11]="" [t.84]="" [target="" a="" achieving="" and="" assessor="" average="" b="" build="" carbon="" client="" co2="" criterion="" data="" der="" designed)="" details="" dfee="" dioxide="" dwelling="" eaton,="" efficiency="" emission="" emissions="" energy="" external="" fabric="" factor="" for="" fuel="" gas)]="" gas]="" heating="" highest="" id="" input="" jake="" jake@aeratech.co.uk="" kgco2="" kwh="" main="" mr.="" m²="" new="" p711-00="" rate="" standards="" standards]="" target="" tel:="" ter="" tfee="" th="" the="" u-values="" u-values<="" umary="" wall="" year)="" yr="" —=""><th></th><th>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</th><th></th><th></th><th></th><th></th><th>47.44</th></ter>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					47.44
CO2 Emissions (t/year) General Requirements Compliance Pass	•	_			7.84		1/.11
Assessor Details  Mr. Jake Eaton, Jake Eaton, Tel: 01400283471, jake@aeratech.co.uk  Assessor ID  P711-00  Assessor Details  Mr. Jake Eaton, Jake Eaton, Tel: 01400283471, jake@aeratech.co.uk  Assessor ID  P711-00  Assessor ID  P711-00  Client  UMARY FOR INPUT DATA FOR New Build (As Designed)  Interion 1 — Achieving the TER and TFEE rate  a TER and DER  Fuel for main heating  Fuel factor  Target Carbon Dioxide Emission Rate (TER)  Dwelling Carbon Dioxide Emission Rate (DER)  -9.27 (-54.2%)  Byeco <sub>2</sub> /m²  -9.27 (-54.2%)  Byeco <sub>2</sub> /m²  b TFEE and DFEE  Target Fabric Energy Efficiency (TFEE)  Dwelling Fabric Energy Efficiency (DFEE)  -7.1 (-14.9%)  Limiting Fabric Standards  2 Fabric U-values  Element  Average  Highest  External wall  0.23 (max. 0.30)  0.23 (max. 0.70)  Party wall  0.00 (max. 0.20)  - Party wall  0.01 (max. 0.25)  0.12 (max. 0.70)  Party wall  0.03 (max. 0.20)  0.13 (max. 0.35)  Party wall  Thermal bridging  Thermal bridging  Thermal bridging calculated from linear thermal transmittances for each junction  3 Air permeability  Air permeability at 50 pascals		_			40.60		17.04
Assessor Details    Mr. Jake Eaton, Jake Eaton, Tel: 01400283471, jake@aeratech.co.uk	· •	ance			40.69		47.84
DIMARY FOR INPUT DATA FOR New Build (As Designed)  Interion 1 — Achieving the TER and TFEE rate  In TER and DER  Fuel for main heating Fuel factor Target Carbon Dioxide Emission Rate (DER) Divelling Carbon Dioxide Emission Rate (DER)  In The Terman DEE  Target Fabric Energy Efficiency (TFEE) Dwelling Fabric Energy Efficiency (DFEE)  Dwelling Fabric Energy Efficiency (DFEE)  Limiting Fabric Standards  2 Fabric U-values Element External wall Description Descri					ech co uk		D711_000
UMARY FOR INPUT DATA FOR New Build (As Designed)  riterion 1 - Achieving the TER and TFEE rate  a TER and DER  Fuel for main heating Fuel factor  Target Carbon Dioxide Emission Rate (TER) Dwelling Carbon Dioxide Emission Rate (DER) FIEE and DFEE  Target Fabric Energy Efficiency (TFEE) Dwelling Fabric Energy Efficiency (DFEE)  Limiting Fabric Standards  2 Fabric U-values Element External wall Party wall O.00 (max. 0.20) Openings 1.38 (max. 0.20) Openings 1.38 (max. 2.00) 1.40 (max. 3.30) Party mall bridging Thermal bridging Thermal bridging Thermal bridging calculated from linear thermal transmittances for each junction 3 Air permeability  Linterion 2 - Limits on design flexible (Assign value)  Floor		aton, Jake Laton, Te	1. 014002654	+/1, jake@aerat	ecii.co.uk	ASSESSOI ID	F/11-000.
Titerion 1 - Achieving the TER and TFEE rate  TER and DER  Fuel for main heating Fuel factor  Target Carbon Dioxide Emission Rate (TER)  Dwelling Carbon Dioxide Emission Rate (DER)		Nov. Build (As Dasi	1\				
Fuel for main heating Fuel factor  Target Carbon Dioxide Emission Rate (TER)  Dwelling Carbon Dioxide Emission Rate (DER)  Target Fabric Deep E  Target Fabric Energy Efficiency (DFEE)  Dwelling Fabric Standards  2 Fabric U-values  Element  External wall  Dual on Mains gas  Average  Highest  External wall  Dual on Mains gas  Average  Highest  External wall  Dual on Mains gas  Highest  External wall  Dual on Mains gas  Average  Highest  External wall  Dual on Mains gas  Highest  External wall  Dual on Mains gas  Highest  External wall  Dual on Mains gas  Average  Highest  External wall  Dual on Mains gas  Average  Highest  External wall  Dual on Mains gas  Average  Highest  External wall  Dual on Mains gas  Note on Mains gas  Note on Mains gas  Pai  Houseling Fabric Valva  Pai  Dual on Mains gas  Note on Mains on Mai		•	gned)				
Fuel for main heating Fuel factor  Target Carbon Dioxide Emission Rate (TER)  Dwelling Carbon Dioxide Emission Rate (DER)  Target Fabric Deep E  Target Fabric Energy Efficiency (DFEE)  Dwelling Fabric Energy Efficiency (DFEE)  Limiting Fabric Standards  2 Fabric U-values  Element  External wall  Dual 10.00 (max. 0.30)  Party wall  Party wall  Floor  Dual (max. 0.20)  Floor  Dual (max. 0.35)  Party wall  Dougnings  1.38 (max. 2.00)  1.40 (max. 3.30)  Party manual bridging  Thermal bridging calculated from linear thermal transmittances for each junction  3 Air permeability  Air permeability at 50 pascals  Linding Fabric Standards  1.00 (mains gas)  1.7.11  Linging Fabric MagCO <sub>2</sub> /m²  Party wall  Dougling Fabric Handle Average  Highest  Highest  Party wall  Dual (max. 0.70)  Party wall  Dual (max. 0.70)  Party wall  Dual (max. 0.35)  Dual (max. 0.35)  Party wall  Dual (max. 0.35)  Party wall  Dual (max. 0.35)  Party wall  Dual (max. 0.35)  Dual (max		and TFEE rate					
Fuel factor Target Carbon Dioxide Emission Rate (TER) Dwelling Carbon Dioxide Emission Rate (DER)  Tirget Carbon Dioxide Emission Rate (DER)  Dwelling Carbon Dioxide Emission Rate (DER)  Tirget Fabric Emergy Efficiency (TFEE) Dwelling Fabric Energy Efficiency (DFEE)  Dwelling Fabric Energy Efficiency (DFEE)  Limiting Fabric Standards  2 Fabric U-values Element External wall D.23 (max. 0.30) D.23 (max. 0.70) Party wall D.00 (max. 0.20) Party wall D.012 (max. 0.25) D.12 (max. 0.70) Party wall Dopenings Dopenings Dopenings Thermal bridging Thermal bridging Thermal bridging Thermae bility  Liniting Fabric Standards  Solution Tirget Fabric U-values  Liniting Fabric Standards  Liniting Fabric Standards  Liniting Fabric Standards  2 Fabric U-values  Element Average Highest External wall D.23 (max. 0.30) D.23 (max. 0.70) Party wall D.00 (max. 0.20) D.12 (max. 0.70) Party wall D.13 (max. 0.25) D.14 (max. 0.35) Death Company Compa						·	
Target Carbon Dioxide Emission Rate (TER)  Dwelling Carbon Dioxide Emission Rate (DER)  T.84  -9.27 (-54.2%)  BYGCO <sub>2</sub> /m²  Party wall  External wall  0.23 (max. 0.30)  Party wall  0.00 (max. 0.20)  Party wall  Party wall  0.12 (max. 0.25)  0.12 (max. 0.35)  0.13 (max. 0.20)  0.13 (max. 0.30)  0.23 (max. 0.30)  0.24 (max. 0.35)  Party wall  0.15 (max. 0.20)  0.16 (max. 0.35)  0.17 (max. 0.35)  0.18 (max. 0.30)  0.19 (max. 0.30)  0.19 (max. 0.35)  0.19 (max. 0.30)  0.10 (max. 0.35)  0.11 (max. 0.35)  0.12 (max. 0.30)  0.13 (max. 0.30)  0.14 (max. 0.35)  0.15 (max. 0.30)  0.16 (max. 0.35)  0.17 (max. 0.35)  0.18 (max. 0.30)  0.19 (max. 0.35)  0.19 (max. 0	o o						_
Dwelling Carbon Dioxide Emission Rate (DER)  -9.27 (-54.2%)  b TFEE and DFEE  Target Fabric Energy Efficiency (TFEE) Dwelling Fabric Energy Efficiency (DFEE)  -7.1 (-14.9%)  Limiting Fabric Standards  2 Fabric U-values  Element External wall -9.23 (max. 0.30) -9.23 (max. 0.70) -9.27 (-54.2%)  Average -7.1 (-14.9%)  Highest -7.1 (-14.9%) -7.1 (-14.9%)  Party wall -7.1 (-14.9%) -7.1 (-14.9%)  Double of the property of the proper				ains gas)			
b TFEE and DFEE  Target Fabric Energy Efficiency (TFEE) Dwelling Fabric Energy Efficiency (DFEE)  Triterion 2 – Limits on design flexibility  Limiting Fabric Standards  2 Fabric U-values Element Average Highest External wall 0.23 (max. 0.30) 0.23 (max. 0.70) Party wall 0.00 (max. 0.20) - Party wall 0.00 (max. 0.25) 0.12 (max. 0.70) Party wall 0.13 (max. 0.25) 0.12 (max. 0.35) Party wall 0.13 (max. 0.20) 1.38 (max. 0.20) 1.40 (max. 3.30) Party may 1.38 (max. 2.00) 1.40 (max. 3.30) Party may 1.38 (max. 2.00) 1.40 (max. 3.30) Party may 1.38 (max. 2.00) 1.40 (max. 3.30) Party may 1.40 (max. 3.40 (ma		, ,		<u> </u>			
Triterion 2 — Limits on design flexibility  Limiting Fabric Standards  Element  External wall  O.23 (max. 0.30)  Party wall  O.00 (max. 0.20)  Floor  O.12 (max. 0.25)  Roof  O.13 (max. 0.20)  Roof  O.13 (max. 0.20)  Openings  1.38 (max. 2.00)  1.40 (max. 3.30)  Party may bridging calculated from linear thermal transmittances for each junction  3 Air permeability  Air permeability at 50 pascals  KWh/m²/yr  Awh/m²/yr  Adverage  Highest  Highest  Element  Average  Highest  D.23 (max. 0.70)  Party wall  O.00 (max. 0.20)  O.12 (max. 0.70)  Party wall  O.13 (max. 0.25)  O.14 (max. 0.35)  Party wall  Openings  Thermal bridging  Thermal bridging  Thermal bridging  Thermal bridging  Thermal bridging calculated from linear thermal transmittances for each junction	Dwelling Carbon Dioxide Em	ission Rate (DER)					Pass
Target Fabric Energy Efficiency (TFEE) Dwelling Fabric Energy Efficiency (DFEE)  40.69 kWh/m²/yr partiterion 2 — Limits on design flexibility  Limiting Fabric Standards  2 Fabric U-values Element Average Highest External wall 0.23 (max. 0.30) 0.23 (max. 0.70) Party wall 0.00 (max. 0.20) - Floor 0.12 (max. 0.25) 0.12 (max. 0.70) Party wall Roof 0.13 (max. 0.20) 0.13 (max. 0.35) Party wall Openings 1.38 (max. 2.00) 1.40 (max. 3.30) Party wall Thermal bridging Thermal bridging Thermal bridging Thermal bridging calculated from linear thermal transmittances for each junction 3 Air permeability Air permeability at 50 pascals	h TEEE and DEEE		-9.27 (-5	64.2%)		kgCO₂/m²	
Dwelling Fabric Energy Efficiency (DFEE)  40.69  7.1 (-14.9%)  RWh/m²/yr  RWh/m²/yr  RWh/m²/yr  RWh/m²/yr  Partiterion 2 – Limits on design flexibility  Limiting Fabric Standards  2 Fabric U-values  Element  Average  Highest  External wall  0.23 (max. 0.30)  0.23 (max. 0.70)  Party wall  0.00 (max. 0.20)  Floor  0.12 (max. 0.25)  0.12 (max. 0.70)  Party Roof  0.13 (max. 0.20)  0.13 (max. 0.35)  Openings  1.38 (max. 2.00)  1.40 (max. 3.30)  Partiterion 2 – Limits on design flexibility  Air permeability  5.01 (design value)  m³/(h.m²) @ 50 Pa		CV (TEEE)	17.91			k\Mh/m²/vr	
riterion 2 – Limits on design flexibility  Limiting Fabric Standards  2 Fabric U-values  Element Average Highest  External wall 0.23 (max. 0.30) 0.23 (max. 0.70) Party wall 0.00 (max. 0.20) - Party wall 0.12 (max. 0.25) 0.12 (max. 0.70) Party wall 0.13 (max. 0.25) 0.13 (max. 0.35) Party wall 0.13 (max. 0.20) 1.38 (max. 0.20) 1.40 (max. 3.30) Party wall 0.13 (max. 0.20) Party wall 0.13 (m							
Limiting Fabric Standards  2 Fabric U-values  Element Average Highest  External wall 0.23 (max. 0.30) 0.23 (max. 0.70) Party wall 0.00 (max. 0.20) - Party wall 0.12 (max. 0.25) 0.12 (max. 0.70) Party wall 0.13 (max. 0.25) 0.12 (max. 0.35) Party wall 0.13 (max. 0.20) 1.40 (max. 0.35) Party wall 0.13 (max. 0.20) 0.13 (max. 0.35) Party wall 0.13 (max. 0.35) Party wall 0.13 (max. 0.35) Party wall 0.13 (max. 0.20) 0.13 (max. 0.35) Party wall 0.13 (max. 0.30) Party wa	Dwelling Fabric Energy Efficiency	ency (DFLL)		9%)			
Limiting Fabric Standards           2 Fabric U-values         Highest           Element         Average         Highest           External wall         0.23 (max. 0.30)         0.23 (max. 0.70)         Par           Party wall         0.00 (max. 0.20)         -         Par           Floor         0.12 (max. 0.25)         0.12 (max. 0.70)         Par           Roof         0.13 (max. 0.20)         0.13 (max. 0.35)         Par           Openings         1.38 (max. 2.00)         1.40 (max. 3.30)         Par           2a Thermal bridging         Thermal bridging calculated from linear thermal transmittances for each junction           3 Air permeability         5.01 (design value)         m³/(h.m²) @ 50 Pa	riterion 2 – Limits on design fl	exibility	7.1 ( 1	.570)		KVVII/III / yI	1 033
Element         Average         Highest           External wall         0.23 (max. 0.30)         0.23 (max. 0.70)         Party           Party wall         0.00 (max. 0.20)         -         Party           Floor         0.12 (max. 0.25)         0.12 (max. 0.70)         Party           Roof         0.13 (max. 0.20)         0.13 (max. 0.35)         Party           Openings         1.38 (max. 2.00)         1.40 (max. 3.30)         Party           2a Thermal bridging         Thermal bridging calculated from linear thermal transmittances for each junction           3 Air permeability         Air permeability at 50 pascals         5.01 (design value)         m³/(h.m²) @ 50 Pa		,					
Element         Average         Highest           External wall         0.23 (max. 0.30)         0.23 (max. 0.70)         Pass           Party wall         0.00 (max. 0.20)         -         Pass           Floor         0.12 (max. 0.25)         0.12 (max. 0.70)         Pass           Roof         0.13 (max. 0.20)         0.13 (max. 0.35)         Pass           Openings         1.38 (max. 2.00)         1.40 (max. 3.30)         Pass           2a Thermal bridging         Thermal bridging calculated from linear thermal transmittances for each junction           3 Air permeability           Air permeability at 50 pascals         5.01 (design value)         m³/(h.m²) @ 50 Pa	-						
External wall  Party wall  Party wall  O.00 (max. 0.20)  Floor  O.12 (max. 0.25)  O.12 (max. 0.70)  Party wall  Roof  O.13 (max. 0.20)  Openings  1.38 (max. 2.00)  1.40 (max. 3.30)  Party wall  O.21 (max. 0.70)  Party wall  O.22 (max. 0.70)  Party wall  Party wall  Party wall  O.23 (max. 0.70)  Party wall  Party wall  O.25 (max. 0.70)  Party wall  Party wall  O.26 (max. 0.70)  Party wall  O.27 (max. 0.70)  Party wall  O.28 (max. 0.70)  Party wall  O.29 (max. 0.70)  Party wall  O.20 (max. 0.70)  Party wall  O.21 (max. 0.70)  Party wall  O.22 (max. 0.70)  Party wall  O.23 (max. 0.70)  Party wall  O.26 (max. 0.70)  Party wall  O.27 (max. 0.70)  Party wall  O.28 (max. 0.70)  Party wall  O.29 (max. 0.70)  Party wall  O.29 (max. 0.70)  Party wall  O.20 (max. 0.70)  Party wall  O.21 (max. 0.70)  O.12 (max. 0.70)  Party wall  O.26 (max. 0.70)  Party wall  O.27 (max. 0.70)  Party wall  O.28 (max. 0.70)  Party wall  O.29 (max. 0.70)  Party wall  O.29 (max. 0.70)  Party wall  O.20 (max. 0.70)  O.12 (max. 0.70)  O.13 (max. 0.35)  Party wall  O.20 (max. 0.70)  Party wall  O.21 (max. 0.70)  O.22 (max. 0.70)  Party wall  O.27 (max. 0.70)  O.18 (max. 0.35)  Party wall  Openings  Thermal bridging		Averag	ge		Highest		
Party wall Ploor Ploor O.12 (max. 0.25) O.12 (max. 0.70) Past Roof O.13 (max. 0.20) Openings 1.38 (max. 2.00) 1.40 (max. 3.30) Past  2a Thermal bridging Thermal bridging calculated from linear thermal transmittances for each junction  3 Air permeability Air permeability at 50 pascals  5.01 (design value)  m³/(h.m²) @ 50 Pa			_		_	0)	Pass
Floor 0.12 (max. 0.25) 0.12 (max. 0.70) Passenger of the property of the passenger of the p					-	-,	Pass
Roof 0.13 (max. 0.20) 0.13 (max. 0.35) Past Openings 1.38 (max. 2.00) 1.40 (max. 3.30) Past 2a Thermal bridging  Thermal bridging calculated from linear thermal transmittances for each junction 3 Air permeability  Air permeability at 50 pascals 5.01 (design value) m³/(h.m²) @ 50 Pa			* /		0.12 (max. 0.7	0)	Pass
Openings 1.38 (max. 2.00) 1.40 (max. 3.30)  Pare 2a Thermal bridging  Thermal bridging calculated from linear thermal transmittances for each junction  3 Air permeability  Air permeability at 50 pascals  5.01 (design value) m³/(h.m²) @ 50 Pa							Pass
2a Thermal bridging Thermal bridging calculated from linear thermal transmittances for each junction  3 Air permeability Air permeability at 50 pascals  5.01 (design value) m³/(h.m²) @ 50 Pa					,		Pass
Thermal bridging calculated from linear thermal transmittances for each junction  3 Air permeability  Air permeability at 50 pascals  5.01 (design value) m³/(h.m²) @ 50 Pa			•		,		
3 Air permeability Air permeability at 50 pascals  5.01 (design value) m³/(h.m²) @ 50 Pa		ted from linear therr	mal transmit	tances for each j	unction		
Air permeability at 50 pascals  5.01 (design value) m³/(h.m²) @ 50 Pa				•			
		scals	5.01 (de	sign value)		m³/(h.m²) @ 50 P	a
	Maximum		10.0	- 0		m <sup>3</sup> /(h.m <sup>2</sup> ) @ 50 P	
	Limiting System Efficiencies						

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**4 Heating efficiency** 

Regs Region: England Elmhurst Energy Systems SAP2012 Calculator (Design System) version 4.14r19

### **BUILDING REGULATION COMPLIANCE Calculation Type: New Build (As Designed)**



Main heating system	Boiler system with radiators or underfloor - Mains gas Data from database			
	Ideal LOGIC COMBI ESP1 24			
	Combi boiler Efficiency: 89.6% SEDBUK2009			
	Minimum: 88.0%			
Secondary heating system	None			
5 Cylinder insulation				
Hot water storage	No cylinder			
6 Controls	The dynnacti	<u> </u>		
	Programmer, room thermostat and TRVs	Pass		
Space heating controls  Hot water controls	No cylinder	Pass		
Boiler interlock	Yes	Pass		
	ies	F d S S		
7 Low energy lights				
Percentage of fixed lights with low-energy fittings	100 %			
Minimum	75 %	Pass		
8 Mechanical ventilation				
Continuous extract system (decentralised)				
Specific fan power	0.1100 0.1400	]		
Maximum	0.7	Pass		
Criterion 3 – Limiting the effects of heat gains in sum	mer			
9 Summertime temperature				
Overheating risk (East Pennines)	Not significant	Pass		
Based on:		_		
Overshading	Average			
Windows facing North	4.19 m², No overhang			
Windows facing South	11.11 m², No overhang			
Windows facing West	1.20 m², No overhang	]		
Air change rate	4.00 ach	]		
Blinds/curtains	Light-coloured curtain or roller blind, closed 50% of daylight hours			
Criterion 4 – Building performance consistent with D	ER and DFEE rate	_		
Party Walls				
Туре	U-value			
Filled Cavity with Edge Sealing	0.00 W/m²K	Pass		
Air permeability and pressure testing				
3 Air permeability				
Air permeability at 50 pascals	5.01 (design value) m <sup>3</sup> /(h.m <sup>2</sup> ) @ 50 Pa			
Maximum	10.0 m <sup>3</sup> /(h.m <sup>2</sup> ) @ 50 Pa	Pass		

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# **BUILDING REGULATION COMPLIANCE Calculation Type: New Build (As Designed)**



#### 10 Key features

Party wall U-value Floor U-value Photovoltaic array

0.00	W/m²K
0.12	W/m²K
1.50	kW



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