
JC Brennan

SAP Rating and AD Part L1A 2022 Compliancy Assessment Report

Church Lane, Middleton

10 June 2025

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Index

1.	AD Part L1A 2022 Construction Specification	4
2.	As Built Developers Statement	7

Appendices

A. Part L1A Regulations Compliance Report

B. Predicted Energy Assessment (PEA)

C. SAP Input Summary Information

D. Dwelling Emission Rate SAP Calculation Worksheet

E. Target Emissions Rate SAP Calculation Worksheet

* Section 1 of this report details the design specification required in achieving building regulation compliancy. This specification incorporates the U-values, low energy lighting, DHW provision, heating type & controls, ventilation strategy, and low zero carbon technologies that must be achieved to demonstrate PartL1A 2014 compliancy.



1. AD Part L1A 2022 Construction Specification

This section details the design specification required in achieving building regulation compliancy.

This specification incorporates the U-values, low energy lighting, DHW provision, heating type & controls, ventilation strategy, and low zero carbon technologies that must be achieved to demonstrate Part L1A 2021 compliancy.

Construction Specification & Design

U-Values (W/m ² K)		As Built Confirmation (please tick to confirm Design Stage requirements achieved on completion)
Doors	1.3	
Windows (type 1)	1.3	
Roof lights	1.3	
Ground floor	0.12	
Walls- excluding windows and doors	0.18	
Roof (type 1 – Flat Ceiling) excluding roof lights	0.16	
Other		

Air Pressure Test		Air Test Certificate must be provided
Design Air Permeability (m ³ /(hm ²) @ 50Pa)	5	



Mechanical & Electrical Specification & Design

Lighting		As Built Confirmation (please tick to confirm Design Stage requirements achieved on completion)
Percentage Lighting Low Energy fixed fittings:	100%	

Hot Water Cylinder		Manufacturer & Model must be provided
Cylinder Size (l)	300	
Insulation thickness (mm)	100	

Heating		Manufacturer & Model must be provided
Boiler Fuel	ASHP	
Boiler Efficiency	170% (SAP assumption)	
Secondary Heating	n/a	

Primary Heating Controls	
Time and temperature zone control	

Ventilation Strategy	
Natural Ventilation with intermittent extract to wet rooms	



Low Zero Carbon Technologies	MCS Certificate must be provided
ASHP	

2. As Built Developers Statement

I confirm that the development has been built in accordance with the above construction specification details.

Signature:

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Company:

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Date:

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