
Glenman Corporation

SAP Rating and AD Part L1A 2022 Compliancy Assessment Report

Proposal for 23 new flats @ Tottenham Mews

29 September 2023

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* 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 2021 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 PartL1A 2021 compliancy.

Construction Specification & Design

| U-Values (W/m2K) | | As Built Confirmation (please tick to confirm Design Stage requirements achieved on completion) |
|--|------|--|
| Doors | 1.4 | |
| Windows (type 1) | 1.3 | |
| Exposed Floor | 0.14 | |
| Walls (type 1) excluding windows and doors | 0.15 | |
| Roof (type 1) excluding roof lights | 0.14 | |
| Other | | |

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

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) | n/a | HIU |
| Insulation thickness (mm) | n/a | |

| | | |
|-------------------|---------------|---------------------------------------|
| Heating | | Manufacturer & Model must be provided |
| Boiler Fuel | Communal ASHP | CAHV-R450YA-HPB |
| Boiler Efficiency | 324% | |
| Secondary Heating | n/a | |

| | |
|-----------------------------------|--|
| Primary Heating Controls | |
| Time and temperature zone control | |

| | |
|-------------------------------------|--|
| Ventilation Strategy | |
| MVHR- Vent Axia Sentinel Kinetic FH | |

| | |
|--|----------------------------------|
| Low Zero Carbon Technologies | MCS Certificate must be provided |
| 16.2 kWp total PV array (0.7 kWp to each flat) | |

2. As Built Developers Statement

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

Signature:

.....

Company:

.....

Date:

.....



