

| Property Reference 2- | - Plot 11 ASHP Issued on D | | | | | | ued on Da | te 06/0 | 2/2024 |
|--|--|---|---|---|---|---|---|--|--|
| Assessment 00 | 001 Prop Type Ref Refurb Plot 1 | | | | | urb Plot 11 | | | |
| Reference | | | | | | | | | |
| Property FI | at 11, Quilt | ter House, 2 | A Tankerville F | Road, London, S | W16 5FX | | | | |
| SAP Rating | | | 83 B | DER | N | /A | TER | | N/A |
| Environmental | | | 85 B | % DER <ter< td=""><td></td><td></td><td>N/A</td><td></td><td></td></ter<> | | | N/A | | |
| CO₂ Emissions (t/year) | | | 0.91 | DFEE | N | /A | TFEE | | N/A |
| General Requirements Co | uirements Compliance | | | % DFEE <tfe< td=""><td>E</td><td></td><td colspan="3">N/A</td></tfe<> | E | | N/A | | |
| | | lis, Sustainat partnership. | | on Services Ltd, | Tel: 0845 6 | 807 | Assessor I | D V53 | 9-0001 |
| Client | | | | | | | | | |
| SUMMARY FOR INPUT DA | TA FOR: Co | onversion (A | s Built) | | | | | | |
| Orientation | | South West | | |] | | | | |
| Property Tenure | | Unknown | | | | | | | |
| Transaction Type | New dwelling | | | | | | | | |
| Terrain Type | | Urban | | | 1 | | | | |
| 1.0 Property Type | Flat, Semi-Detached | | | | | | | | |
| 2.0 Number of Storeys | 1 | | | | | | | | |
| 3.0 Date Built | 2021 | | | | | | | | |
| S.V Date Dull | 2 | | | | | | | | |
| | | 1 | | | | | | | |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade | | 2 Average or u | I | Heat Loss Perime | ter Inte | ernal Floor | | verage Stor | |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements | | 2 Average or u | | Heat Loss Perime 1.00 m | eter Inte | e rnal Floor 50.10 m ² | | verage Stor 2.55 r | |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area | | 2 Average or u Gr | round Floor: | | | | | - | |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area | | 2 Average or u Gr 28.00 | round Floor: | | | | | - | |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass | | 2 Average or u Gr 28.00 Precise calcu | round Floor: | | m² | | | - | |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass | Туре | 2 Average or u Gr 28.00 Precise calcu 213.7 | round Floor: | | m² | | | - | n |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls | Type Cavity Wall | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit | round Floor: Ilation struction | 1.00 m |] m ²] kJ/m ² K | 50.10 m ² | Карра | 2.55 r Gross Area | n Nett Are |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description | | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit cavit cavit cavit | round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo | 1.00 m |] m ²] kJ/m ² K block, filled | 50.10 m ² U-Value (W/m ² K) | Kappa (kJ/m²K) | 2.55 r Gross Area (m²) | Nett Are (m²) |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New | Cavity Wall | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit Cavit Cavit Cavit Cavit | round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str | 1.00 m |] m ²] kJ/m ² K block, filled block, filled | 50.10 m ² U-Value (W/m ² K) 0.15 | Карра (kJ/m²K) 150.00 | 2.55 r Gross Area (m²) 27.01 | n Nett Are (m²) 16.34 |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall MAT 1 New Ext Wall Grey brick - Existing Gable MAT 1 New | Cavity Wall Cavity Wall | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit Cavit Cavit Cavit Cavit | round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo | 1.00 m |] m ²] kJ/m ² K block, filled block, filled | U-Value (W/m ² K) 0.15 0.15 | Карра (kJ/m²K) 150.00 150.00 | 2.55 r Gross Area (m²) 27.01 7.65 | n Nett Are (m²) 16.34 5.74 |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall MAT 1 New Ext Wall Grey brick - Existing Gable MAT 1 New | Cavity Wall Cavity Wall | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit Cavit Cavit Cavit Cavit Cavit Cavit Cavit | round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction | 1.00 m |] m ²] kJ/m ² K block, filled block, filled | U-Value (W/m²K) 0.15 0.15 0.15 | Карра (kJ/m²K) 150.00 150.00 | 2.55 r Gross Area (m²) 27.01 7.65 | n Nett Are (m²) 16.34 5.74 |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall Grey brick - Existing Gable MAT 1 New 9.1 Party Walls | Cavity Wall Cavity Wall Cavity Wall | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit | round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction | 1.00 m |] m ²] kJ/m ² K block, filled block, filled | U-Value (W/m²K) 0.15 0.15 0.15 | Kappa (kJ/m ² K) 150.00 150.00 150.00 U-Value | 2.55 r Gross Area (m²) 27.01 7.65 3.40 Kappa | Nett Are (m²) 16.34 5.74 3.40 Area |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall Grey brick - Existing Gable MAT 1 New 9.1 Party Walls Description Wall to Apartments 9.2 Internal Walls | Cavity Wall Cavity Wall Cavity Wall Type Filled Cavity Edge Sealin | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit | round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction | 1.00 m |] m ²] kJ/m ² K block, filled block, filled | U-Value (W/m²K) 0.15 0.15 0.15 | Kappa (kJ/m ² K) 150.00 150.00 150.00 U-Value (W/m ² K) | 2.55 r Gross Area (m²) 27.01 7.65 3.40 Kappa (kJ/m²K) | n Nett Are (m²) 16.34 5.74 3.40 Area (m²) |
| 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New Ext Wall Grey brick - Existing Gable MAT 1 New 9.1 Party Walls Description | Cavity Wall Cavity Wall Cavity Wall Type Filled Cavity Edge Sealin | 2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit | round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction | 1.00 m |] m ²] kJ/m ² K block, filled block, filled | U-Value (W/m²K) 0.15 0.15 0.15 | Kappa (kJ/m ² K) 150.00 150.00 150.00 U-Value (W/m ² K) | 2.55 r Gross Area (m²) 27.01 7.65 3.40 Kappa (kJ/m²K) | n Nett Are (m²) 16.34 5.74 3.40 Area (m²) |





| | | | • | | / | | | | | |
|-----------------------------|---|--|---|--|---|--|--|---|---|--|
| Description Type | | | Construction | | | | | (kJ/m²K) | (m²) | Nett Are (m²) |
| Extern | nal Flat Roof | at Roof Plasterboard, insulated at ceiling level | | | | | | 9.00 | 50.10 | 50.10 |
| Floors tion Construction | | tion | | | | | | | Kappa (kJ/m²K) | Area (m²) |
| | Precast concre | ete plank | s floor, screed, | carpeted | | | | | 40.00 | 50.10 |
| es | | | | | | | | | | |
| Data Source | Туре | | Glazing | | Glazing Gap | Argon Filled | G-value | | Frame Factor | U Valu (W/m² |
| | e Window | | Double glazed | | - 1 | | 0.36 | 71 - | 0.70 | 1.40 |
| Manufacture | e Solid Door | | | | | | | | | 0.63 |
| Manufacture | e Window | | Double glazed | | | | 0.53 | | 0.72 | 1.12 |
| Manufacture | e Window | | Triple glazed | | | | 0.53 | | 0.59 | 0.91 |
| | e Window | | Triple glazed | | | | | | | 0.88 |
| r Manufacture | e Window | | Triple glazed | | | | | | | 0.88 |
| r | | | | | | | 0.55 | | 0.70 | 0.57 |
| Opening Type | Location | | Orientation | Curtain | Overheine | Wide | 14/:dab 11 | laight Cour | | Curtai |
| Opening Type | Location | | Unentation | Туре | Ratio | Overhang | | (m) | (m ²) | Closed |
| Solid Door | | all MAT | South West | | | | | | 2.30 | |
| Window | [2] Ext Wall Gr | rey brick | North East | None | 0.00 | | | | 1.91 | |
| Window | [1] External W | all MAT | North East | None | 0.00 | | | | 1.20 | |
| Window | [1] External W | all MAT | South East | None | 0.80 | No | | | 2.05 | |
| Window | [1] External W | all MAT | | | | | | | | |
| Window | | all MAT | | | | 110 | | | | |
| | 1 New | | South west | None | 0.00 | | | | 1.55 | |
| / | None | | | | | | | | | |
| ofing | 100 | | | | | % | | | | |
| бу | No | | | | | | | | | |
| ging | Defaul | t | | | | | | | | |
| | 0.150 | | | | | W/m²K | | | | |
| ting | Vos | | | | | | | | | |
| - | | | | | | $m^{3}/(h m^{2})$ | @ 50 Pa | | | |
| | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | @ 5014 | | | |
| • | | | | | | m ³ /(h m ²) | @ 50 Pa | | | |
| | 0.03 | | | | | | 0.001.0 | | | |
| | | | | | | | | | | |
| - | | nd | aliabethe are a | | | | | | | |
| | | | siigntiy open | | | 4 | | | | |
| | | | | | | 4 | | | | |
| | | | | | | 4 | | | | |
| | | 0 | | | | 1 | | | | |
| e rate entilation | 0.0 | 0 | | | | | | | | |
| | es Data Source Manufacture r Manufacture Manufacture r Man | Type External Flat Roof Construction Precast concre es Type Manufacture Window r Manufacture Solid Door [1] External W New 1] External W Window [2] Ext Wall Gr - Existing 1 New Window [1] External W New 1 New Window [1] External W New 1 New Window [1] External W New 1 New Window [1] External W None 1 New Window [1] External W None 1 New Manufacture None Open [0.00] op [0.150] | Type Construction External Flat Roof Plaster Construction Precast concrete plank es Data Source Type Manufacture Window r Manufacture Solid Door r Manufacture Window r Solid Door [1] External Wall MAT 1 New Window [2] Ext Wall Grey brick - Existing Window [1] External Wall MAT 1 New Manufacture [1] External Wall MAT 1 New Mindow [1] External Wall M | Type Construction External Flat Roof Plasterboard, insulate Construction Precast concrete planks floor, screed, es Data Source Type Glazing Manufacture Window Double glazed r Manufacture Solid Door r Manufacture Manufacture Window Triple glazed r Manufacture Window South West North East Nindow [2] Ext Wall Grey brick - Existing North East North East Window [1] External Wall MAT 1 New South West North East Window [1] External Wall MAT 1 New South East North East Window [1] External Wall MAT 1 New South West South West Mindow [1] External Wall MAT 1 New South West South West Mindow [1] External Wall MAT 1 New South West | Type Construction External Flat Roof Plasterboard, insulated at cellin, External Flat Roof Plasterboard, insulated at cellin, Construction Precast concrete planks floor, screed, carpeted es Data Source Type Glazing Manufacture Window Double glazed r Manufacture Solid Door r Manufacture r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Type Manufacture Window Triple glazed r Type Solid Door [1] External Wall MAT South West None Vindow [2] Ext Wall Grey brick North East None Window [1] External Wall MAT South West None Nindow [1] External Wall MAT North East None Window [1] External Wall MAT North East None Window [1] External Wall MAT North East None Mindow [1] External Wall MAT North East None Mindow <t< td=""><td>Type Construction External Flat Roof Plasterboard, insulated at ceilling level Construction Precast concrete planks floor, screed, carpeted Precast concrete planks floor, screed, carpeted Glazing Glazing Manufacture Vindow Double glazed Glazing Glazing Manufacture Window Double glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Solid Door [1] External Wall MAT South West North East None 0.00 Vindow [2] Ext Wall Grey brick North East None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South</td><td>Type Construction External Flat Roof Plasterboard, insulated at ceiling level Construction Precast concrete planks floor, screed, carpeted es Data Source Type Glazing Glazing Glazing Argon Manufacture Window Double glazed r Filled Filled Manufacture Window Double glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Solid Door [1] External Wall MAT North East None 0.00 Overhang Wide Solid Door [1] External Wall MAT North East None 0.00 No Window [2] Ext Wall Grey brick North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window</td><td>Type Construction U-Value (W/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 Construction Precast concrete planks floor, screed, carpeted Glazing Argon Gap Gravatue Filled Manufacture Window Double glazed 0.36 r Manufacture Solid Door 0.36 r Manufacture Window Double glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 solid Door [1] External Wall MAT North East None 0.00 Solid Door [1] External Wall MAT North East None 0.00 Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No ging Default ma²/(h.m²</td><td>Type Construction U-Value (W/m*k) Kappa (U/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 9.00 Construction Precast concrete planks floor, screed, carpeted Gazing Glazing G-value Frame Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Triple glazed 0.53 0.53 0.53 Solid Door [1] External Wall MAT South West North East None 0.00 0.53 0.53 Window [2] Ext Wall Grey brick North East None 0.80 No 1 1 Window [1] External Wall MAT North East <t< td=""><td>Number (W/m²K) (U/m²K) (</td></t<></td></t<> | Type Construction External Flat Roof Plasterboard, insulated at ceilling level Construction Precast concrete planks floor, screed, carpeted Precast concrete planks floor, screed, carpeted Glazing Glazing Manufacture Vindow Double glazed Glazing Glazing Manufacture Window Double glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Solid Door [1] External Wall MAT South West North East None 0.00 Vindow [2] Ext Wall Grey brick North East None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South | Type Construction External Flat Roof Plasterboard, insulated at ceiling level Construction Precast concrete planks floor, screed, carpeted es Data Source Type Glazing Glazing Glazing Argon Manufacture Window Double glazed r Filled Filled Manufacture Window Double glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Solid Door [1] External Wall MAT North East None 0.00 Overhang Wide Solid Door [1] External Wall MAT North East None 0.00 No Window [2] Ext Wall Grey brick North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window | Type Construction U-Value (W/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 Construction Precast concrete planks floor, screed, carpeted Glazing Argon Gap Gravatue Filled Manufacture Window Double glazed 0.36 r Manufacture Solid Door 0.36 r Manufacture Window Double glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 solid Door [1] External Wall MAT North East None 0.00 Solid Door [1] External Wall MAT North East None 0.00 Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No ging Default ma ² /(h.m ² | Type Construction U-Value (W/m*k) Kappa (U/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 9.00 Construction Precast concrete planks floor, screed, carpeted Gazing Glazing G-value Frame Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Triple glazed 0.53 0.53 0.53 Solid Door [1] External Wall MAT South West North East None 0.00 0.53 0.53 Window [2] Ext Wall Grey brick North East None 0.80 No 1 1 Window [1] External Wall MAT North East <t< td=""><td>Number (W/m²K) (U/m²K) (</td></t<> | Number (W/m ² K) (U/m ² K) (|





| No | | | |
|------------------------|---|---|---|
| Database | | | |
| Balanced m recovery | echanical vent | ilation with heat | |
| 500140 | | | |
| 1 | | | |
| Yes | | | |
| 0.76 | | | |
| Rigid | | | |
| 91.00 | | | |
| 1 | | | |
| | | | |
| MHS | SHS | Other | Total |
| 0 | | 0 | 0 |
| 0 | | 0 | 0 |
| | | | 0 0 |
| | | | 0 |
| No | | | |
| NU | | | |
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| | | | |
| 10 | | | |
| 10 | | | |
| 100.00 | | | % |
| | | | |
| No | | | |
| Standard | | | |
| Database | | | |
| 100 | | | % |
| 104367 | | | |
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| | | | |
| | | | |
| | | | |
| | er and at least | two room | |
| thermostats | | | |
| 0 | | | |
| 2205 | | | |
| in unheated spa | се | | |
| Radiators | | | |
| |) | | |
| None | | | |
| | Database Balanced m recovery 500140 1 Yes 0.76 Rigid 91.00 1 MHS 0 0 0 0 0 10 10 10 10 10 10 10 100 100 100 100 100 100 100 100 104367 Electricity PET 224 0.0 0.0 CHF Programmether thermostats 0 2205 in unheated spa Normal (> 45°C) | Database Balanced mechanical vent recovery 500140 1 Yes 0.76 Rigid 91.00 1 MHS SHS 0 0 0 0 0 0 0 0 0 0 0 0 10 10 10 10 10 100 100 100 104367 Electricity PET 224 0.0 0.0 CHF Programmer and at least thermostats 0 2205 in unheated space Radiators Normal (> 45°C) | Database Balanced mechanical ventilation with heat recovery 500140 1 Yes 0.76 Rigid 91.00 1 MHS SHS Other 0 0 0 0 0 0 0 0 No 0 10 0 10 0 10 0 10 0 10 0 100 0 100 0 100 0 100.00 0 No 0 Standard 0 Database 0 100 0 104367 0 Electricity PET 224 0.0 0.0 0 2205 0 in unheated space 0 Radiators 0 Normal (> 45°C) 0 |

Community Heating

None





| 28.0 Water Heating | HWP From main heating 1 | |
|---|----------------------------------|---|
| Water Heating | Main Heating 1 | |
| Flue Gas Heat Recovery System | No | |
| Waste Water Heat Recovery Instantaneous System 1 | No | |
| Waste Water Heat Recovery Instantaneous System 2 | No | |
| Waste Water Heat Recovery Storage System | No | |
| Solar Panel | No | |
| Water use <= 125 litres/person/day | Yes | |
| SAP Code | 901 | |
| Immersion Only Heating Hot Water | No | |
| 29.0 Hot Water Cylinder | Hot Water Cylinder | |
| Cylinder Stat | Yes | |
| Cylinder In Heated Space | Yes | |
| Independent Time Control | Yes | |
| Insulation Type | Foam | |
| Insulation Thickness | 60 | |
| Cylinder Volume | 150.00 | L |
| Pipes insulation | Fully insulated primary pipework | |
| 31.0 Thermal Store | None | |

Recommendations

Lower cost measures

None

Further measures to achieve even higher standards

None

