

EXCESSIVE GLAZING CALCULATIONS | SAP CALCULATIONS | WATER EFFICIENCY CALCULATIONS ENERGY STATEMENTS | NEW BUILD & CONVERSION EPC | PART O ASSESSMENTS

SAP COMPLIANCE REQUIREMENTS

Address - 1no. Dwelling at Bryher Cottage

NOTE THESE DETAILS RELATE TO PART L COMPLIANCE ONLY (SAP10); DESIGNER/ CONTRACTOR TO CONFIRM COMPLIANCE WITH OTHER BUILDING REGULATIONS

| FABRIC | U VALUES | SPECIFICATION |
|------------------------------|------------------------|--|
| WALLS | 0.15W/m ² K | Spec tbc – assumed cavity wall; aircrete inner leaf |
| FLOOR | 0.12W/m ² K | Spec tbc – assumed 150mm PIR |
| ROOF | 0.08W/m ² K | Spec tbc – assumed 500mm loft roll |
| WINDOWS DOOR | 0.90W/m ² K | Triple glazed low-e glazed |
| THERMAL BRIDGING LINTELS | | Unilin Details Thermally broken lintels (i.e. catnic, hi-therm, birtley) |
| AIR TEST | | 1m3/(h.m2) @ 50 Pa OR LOWER |
| LIGHTING | | Minimum light efficacy required - 120lm/W |
| SHOWERS | | Assumed flow rate of 8I/min; thermostatic |
| HEATING | | ASHP (efficiency tbc) |
| HEATING CONTROLS | | Time & Temperature zone control (ie ground floor & first floor split) |
| SECONDARY HEATING | | N/A |
| VENTILATION | | MVHR; spec TBC |
| WASTE WATER HEAT RECOVERY | | N/A |
| SOLAR PV | | 2kw Peak southwest 1kw peak south east 2.5kw northeast with export capable meter |

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