

<b>SAP COMPLIANCE REQUIREMENTS</b>		
<b>Address - 1no. Dwelling at Bryher Cottage</b>		
<b>NOTE THESE DETAILS RELATE TO PART L COMPLIANCE ONLY (SAP10); DESIGNER/ CONTRACTOR TO CONFIRM COMPLIANCE WITH OTHER BUILDING REGULATIONS</b>		
<b>FABRIC</b>	<b>U VALUES</b>	<b>SPECIFICATION</b>
WALLS	0.15W/m <sup>2</sup> K	Spec tbc – assumed cavity wall; aircrete inner leaf
FLOOR	0.12W/m <sup>2</sup> K	Spec tbc – assumed 150mm PIR
ROOF	0.08W/m <sup>2</sup> K	Spec tbc – assumed 500mm loft roll
WINDOWS DOOR	0.90W/m <sup>2</sup> K	Triple glazed low-e glazed
THERMAL BRIDGING LINTELS		Unilin Details Thermally broken lintels (i.e. catnic, hi-therm, birtley)
AIR TEST		1m <sup>3</sup> /(h.m <sup>2</sup> ) @ 50 Pa OR LOWER
LIGHTING		Minimum light efficacy required - 120lm/W
SHOWERS		Assumed flow rate of 8l/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