

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

## **SAP COMPLIANCE REQUIREMENTS**

## Address - 1no. Dwelling at 40 Vicarage Meadow

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 <sup>2</sup> K	Timber frame – spec TBC
FLOOR	0.09W/m <sup>2</sup> K 0.12W/m <sup>2</sup> K	spec TBC – assumed 200mm PIR Semi exposed floor TBC
ROOF	0.15W/m <sup>2</sup> K	Pitched roof
WINDOWS DOORS ROOF LIGHTS	1.10W/m²K	Triple low-e glazed; g value 0.57
THERMAL BRIDGING		Ireland Accredited Construction Details
AIR TEST		1.5m3/(h.m2) @ 50 Pa OR LOWER
LIGHTING		Minimum light efficacy required - 100lm/W
SHOWERS		Assumed flow rate of 8l/min; thermostatic
HEATING		ASHP – spec tbc
HEATING CONTROLS		Time & Temperature zone control
SECONDARY HEATING		N/A
VENTILATION		MVHR – spec tbc
WASTE WATER HEAT RECOVERY		N/A
SOLAR PV		6.5kW peak SW; with export capable meter

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