

Key to colours in category section

red: credits not achieved amber: credits part achieved subject to evidence green: credits achieved; no further evidence required

Desired Code Level: **4**
 Points required: 68

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 Checked by: Jim Grace

Rev: **A**
 Date: **16/03/2015**

Predicted Level: 4

Target Credits: 69.08
 Achieved Credits: 0.00
 Achieved Level: 0

The following items are MANDATORY for code level 4 irrespective of the credits total.

- Ene 1 - CO2:** CO2 reduction compared to Building Regs minimum must be NO LESS than 19%
- Ene 2 - Fabric En Eff:** None for Code Level 4
- Wat 1 - Int. Usage:** Water consumption per person per day must be NO MORE than 105 l/person/day
- Mat 1 - Materials:** At least 3 of the following elements MUST be rated D, or better, in the Green Guide ; Roof, External walls, Internal Walls, Upper&Ground Floors, Windows
- Sur 1 - Water run-off :** Run-off rates and annual volumes of run-off post development MUST BE NO GREATER than the previous conditions for the site.
- Was 1 - Waste:** Space allowed for waste storage must be the greater of the following; a) As required by Local Authority recycling scheme, OR, b) As Calculated by BS5906
- Hea 4 - Lifetime Homes:** None for Code level 4

M&E Engineer	Synergy
Contractor	CONT
Architect	ARCH
Structural Eng	SE
Ecologist	Ecologist
Daylighting	Daylight
Acoustician	Acoustician

Proposal	Details	Max Credits	Target Credits	Weighted Credits	Achieved Credits	Ownership	Notes
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ENERGY

31 15 18.4 0.0

Ene 1 - CO2	2013 DER is 44% better than TER	Taken From SAP Calculation	10	5	5.9		Synergy	
Ene 2 - Fabric Energy Efficiency	Apartment Block, or mid-terrace	FEE = 64 kWh/m2/yr	9	0	0.0		Synergy	
Ene 3 - Energy Display devices	Electricity AND primary heating fuel consumption displayed		2	2	2.5		Synergy	
Ene 4 - Drying Space	Yes		1	1	1.3		ARCH	
Ene 5 - White Goods	fridges , freezers, wmc & d/w (2 credits)	Fridges, freezers and fridge/freezers Cat A+ Rated, Washing machines and dishwashers Cat A rated, Washer dryers and tumble dryers Cat B rated	2	2	2.5		CONT / ARCH	
Ene 6 - External Ltg	Energy eff. security ltg AND Energy eff. external ltg (2 credits)	External lighting provided by dedicated energy efficient fittings. Burglar security lights have: a maximum wattage of 150W AND movement detecting control devices (PIR) AND daylight cut-off sensors. All other security lighting: has dedicated energy efficient fittings AND is fitted with daylight cut-off sensors OR timers.	2	2	2.5		Synergy	
Ene 7 - ZLC	15% Renewables (2 credits)	Where energy is supplied from local renewable or low carbon energy sources funded under the Low Carbon Building Programme (or similar), or is designed and installed in a manner endorsed by a feasibility study prepared by an independent energy specialist AND There is a 15% reduction in carbon emissions as a result of this method of supply.	2	2	2.5		Synergy	For Flats 1-6 2 Credits are awarded (Renewables > 15%) For Flats 7-9 1 Credit is awarded (10% < Renewables < 15%)
Ene 8 - Cycle Storage	No cycle storage (0 credits)	No Storage	2	0	0.0		ARCH	
Ene 9 - Home Office	Home Office (1 credit)	Home office should have: (a) 2No. Double power sockets (b) 2No. Telephone points (or 1 telephone pt plus 1 broadband connection to the property) (c) daylight factor of 1.5% (d) adequate ventilation (openable window or PSV)	1	1	1.3		ARCH / Synergy	

HEALTH AND WELLBEING

12 10 11.7 0.0

Hea 1 - Daylight	Kitchen daylight factor > 2 (1 credit)	Kitchens achieve a minimum average daylight factor of at least 2%	1	1	1.2		ARCH / Daylight	
	Other rooms daylight factor > 1.5 (1 credit)	All living rooms, dining rooms and studies (including any room designated as a home office under Ene 9 - Home Office) must achieve a minimum average daylight factor of at least 1.5%	1	1	1.2		ARCH / Daylight	
	Sky visible from < 80% of working plane (0 credits)	80% of the working plane in kitchens, living rooms, dining rooms and studies (including any room designated as a home office under Ene 9 - Home Office) must receive direct light from the sky.	1	0	0.0		ARCH / Daylight	
Hea 2 - Sound	Non-detached (3 credits)	airborne & impact sound attenuation 5db better than part E	4	3	3.5		ARCH / Acoustician	
Hea 3 - Private Space	Yes (1 credit)	outdoor space (private or semi-private) has been provided that is: a) of a minimum size that allows all occupants to sit outside b) allows easy access to all occupants, including wheelchair users c) accessible only to occupants of designated dwellings	1	1	1.2		ARCH	
Hea 4 - Lifetime Homes	All (4 credits)	All the principles of lifetime homes have been complied with	4	4	4.7		ARCH	

MANAGEMENT

9 8 8.9 0.0

Man 1 - Home User Guide	Yes (3 credits)	Home User Guide WILL be provided	3	3	3.3		CONT	
Man 2 - Considerate constructor	Best Practice (1 credit)	Commitment to meet Best Practice under a local or national considerate constructor scheme.	2	1	1.1		CONT	0
Man 3 - Construction site impact	4 or more procedures (2 credits)	No. of procedures adopted from the list, a-f, opposite	2	2	2.2		CONT	a. Monitor, report and set targets for CO2 production or energy use arising from site activities b. Monitor and report CO2 or energy use arising from commercial transport to and from site c. Monitor, report and set targets for water consumption from site activities d. Adopt best practice policies in respect of air (dust) pollution arising from site activities e. Adopt best practice policies in respect of water (ground and surface) pollution occurring on the site f. 80% of site timber is reclaimed, re-used or responsibly sourced.
Man 4 - Security	Yes (1 credit)	Architectural Liaison Officer (ALO) or Crime Prevention Design Advisor (CPDA) from the local police force is NOT consulted at the design stage and their recommendations are incorporated into the design of the dwelling	2	2	2.2		ARCH	Need to review is information provided is adequate.

ECOLOGY

9 9 12.0 0.0

Eco 1 - Ecological value	Low - confirmed by checklist (1 credit)		1	1	1.3		ARCH / Ecologist	
Eco 2 - Enhancement	Yes (1 credit)	A Suitably Qualified Ecologist must be appointed to recommend appropriate ecological features that will positively enhance the ecology of the site	1	1	1.3		ARCH / Ecologist	
Eco 3 - Protection	Low value site (1 credit)	If the site is of low ecological value as defined under Eco 1, then 1 credit may be awarded by default	1	1	1.3		ARCH / Ecologist	
Eco 4 - Species	Major enhancement (4 credits)	No. of species increased by more than 9	4	4	5.3		ARCH / Ecologist	
Eco 5 - Building Footprint	Efficient (2 credits)	Houses: Internal Floor area is MORE than 3 x Ground floor area Flats: Internal Floor area is MORE than 4 x Ground floor area	2	2	2.7		ARCH	