

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:	3	Prepared by: Anna Fleming	Rev:	B	Actual Level:	3
Points required:	57	Checked by: Jim Grace	Date:	27/11/12	Actual Credits:	62.30

The following items are MANDATORY for code level 3 irrespective of the credits total.

Ene 1 - CO2: % Improvement 2010 DER/TER is 0%**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

	Proposal	Details	Max Credits	Target Credits	Weighted Credits	Achieved Credits	Ownership	Notes
Energy			31	15	18.6			
Ene 1 - CO2	2010 DER is 25% better than TER		10	3	3.5		M&E	
Ene 2 - Fabric Energy Efficiency	End Terrace, Semi-detached, or detached	FEE = 55 kWh/m2/yr	9	4	5.0		M&E	
Ene 3- Energy Display devices	Electricity AND primary heating fuel consumption displayed		2	2	2.5		M&E	
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		ARCH/Client	
Ene 6 - External Ltg	Energy eff. security ltg AND Energy eff. external ltg (2 credits)	External lighting provided by dedicated energy efficient fittings, taking into account the needs of people who have visual impairments. 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		ARCH	
Ene 7 - ZLC	No Renewables (0 credits)		0	2	0	0.0	M&E	
Ene 8 - Cycle Storage	No cycle storage (0 credits)	No Storage	2	0	0.0		ARCH	0
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/M&E	

Water			6	3	4.5		
Wat 1 - Int. Usage	≤ 105 l/p/day (3 Credits)		5	3	4.5	ARCH+ M&E	
Wat 2 - Ext. Usage	Gardens / no storage (0 credits)	0	1	0	0.0	ARCH	
Materials			24	11	3.3		
Mat 1 - Materials	A	Green Guide Rating for roof	3	2	0.6	ARCH	
	B	Green Guide Rating for external walls	3	1	0.3	ARCH	
	B	Green Guide Rating for internal walls	3	1	0.3	ARCH	
	B	Green Guide Rating for upper and ground floors	3	1	0.3	ARCH	
	B	Green Guide Rating for windows	3	1	0.3	ARCH	
Mat 2 - Sourcing basic Building elements	Cert's mostly 3rd Tier (4 credits)	Most materials certified MTCC,SGS,TFT or EMS	6	3	0.9	ARCH/CONT	80% of the building elements must be assessed. These comprise; a) Frame, b)Ground Floor, c) Intermediate floors, d)Roof, e)External Walls, f)Internal walls, g)Foundations/substructure, h)Staircase
Mat 3 - Sourcing Finishing elements	Cert's 1st & 3rd Tiers (2 credits)	Some materials certified FSC, CSA,SFI with CoC,PEFC,or re-used materials, some certified MTCC,SGS,TFT or EMS	3	2	0.6	ARCH/CONT	80% of the finishing elements must be assessed. These comprise; a) Stair, b) Window, c) External & internal door, d) Skirting, e) Panelling, f) Furniture, g) Fascias, h) Any other significant use
Surface Water Run Off			4	4	2.2		
Sur 1 - Water run-off	No discharge at low rainfall AND SUDS to hard areas (2 credits)		2	2	1.1	STRUCT/CIVIL	No Increase in impermeable area OR no increase in peak run-off compared to undeveloped site OR peak run off less than 5l/s
Sur 2 - Flood risk	Low flood risk site - 2 credits		2	2	1.1	ARCH	(to be confirmed)
Waste			8	5	4.0		
Was 1 - Waste	Local Collection scheme or external storage available (4 credits)		4	4	3.2	ARCH	
Was 2 - Construction Site Waste	Procedures to minimise waste (1 credit)	a. Set best practice targets for waste per 100m2 b. Minimize non-hazardous waste at design stage. c.Procedures for minimizing non-hazardous waste d.Monitor, measure and report non-hazardous waste	3	1	0.8	CONT	
Was 3 - Composting	No provision - (0 credits)		1	0	0.0	ARCH	
Pollution			4	3	2.1		
Pol 1 - GWP	All insulants have GWP ≤ 5 (1 credit)	All insulants in the following elements need a GWP ≤ 5: -Roofs: Including loft access -Walls, internal & external incl. lintels and all acoustic insulation) -Floors (including ground and upper floors) -Hot water cylinder, pipe insulation and other thermal stores -Cold water storage tanks where provided -External Doors	1	1	0.7	ARCH/M&E	Note: Foamed insulants will have a GWP of 5 or less if the foaming agent is air, CO2, pentane or isobutene The GWP will be more than 5 if the foaming agent is Methane, Nitrous Oxide, HFC, PFC or SF6 Non-blown insulants, such as mineral wool, glass wool, cork, wood wool etc generally have a GWP Less than 5.
Pol 2 - Nox	NOx ≤ 70 mg/kWh (2 credits)	Boiler class (BS EN 297: 1994) = 5	3	2	1.4	M&E	

Health and Well Being			12	9	10.5		
Hea 1 - Daylight	Kitchen daylight factor < 2 (0 credits)	Kitchens achieve a minimum average daylight factor of at least 2%	1	0	0.0		M&E
	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		M&E
	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		M&E
Hea 2 - Sound	Non-detached (3 credits)	airborne & impact sound attenuation 5db better than part E	4	3	3.5		ARCH
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 Private space: 1.5 m2 per bedroom Shared space: 1m2 per bedroom
Hea 4 - Lifetime Homes	All (4 credits)	All the principles of lifetime homes have been complied with	4	4	4.7		ARCH

Management			9	7	7.8		
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 procedures (1 credit)	No. of procedures adopted from the list, a-f, opposite	2	1	1.1		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 (2 credit)	Architectural Liaison Officer (ALO) or Crime Prevention Design Advisor (CPDA) from the local police force IS consulted at the design stage and their recommendations are incorporated into the design of the dwelling	2	2	2.2		ARCH Note: an actual Secured by Design Certificate is not required

Ecology			9	7	9.3		
Eco 1 - Ecological value	Low - confirmed by ecologist (1 credit)		1	1	1.3		CLIENT
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		CLIENT All of the ecologist's key recommendations and 30% of the additional recommendations must be adopted
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		CLIENT
Eco 4 - Species	Minor enhancement (3 credits)	No. of species increased by between 3 and 9	4	3	4.0		CLIENT
Eco 5 - Building Footprint	Average (1 credit)	Houses: Internal Floor area is MORE than 2.5 x Ground floor area Flats: Internal Floor area is MORE than 3 x Ground floor area	2	1	1.3		ARCH