

**Typical practice (England) - 2 bed semi-detached house**

<b>Building material</b>	<b>Tonnes of CO<sub>2</sub></b>
<b>Foundations</b>	
Concrete	0.9
<b>Flooring</b>	
Hardcore, concrete slab, screed, chipboard, extruded polystyrene insulation	2.0
<b>Ceilings</b>	
Plasterboard	0.2
<b>Joists</b>	
Timber I joists	-0.12
<b>External walls</b>	
Brick outer leaf with block internal leaf, glasswool insulation and plasterboard	6.6
<b>Internal walls</b>	
Block and plasterboard	0.6
<b>Stairs</b>	
Timber	-0.1
<b>Windows</b>	
Glass	0.1
PVC frame	0.03
<b>Internal doors</b>	
Panel doors (chipboard)	-0.1
<b>External doors</b>	
PVC	0.1
<b>Roof</b>	
Timber rafters, rock wool insulation and Marley plain concrete (BRE element profile)	4.0
<b>Total</b>	<b>14.3</b>

**Typical practice (England) - 3 bed detached house**

<b>Building material</b>	<b>Tonnes of CO<sub>2</sub></b>
<b>Foundations</b>	
Concrete	1.7
<b>Flooring</b>	
Hardcore, concrete slab, screed, chipboard, extruded polystyrene insulation	1.9
<b>Ceilings</b>	
Plasterboard	0.4
<b>Joists</b>	
Timber I joists	-0.59
<b>External walls</b>	
Brick outer leaf with block internal leaf, glasswool insulation and plasterboard	11.3
<b>Internal walls</b>	
Block and plasterboard	0.66
<b>Stairs</b>	
Timber	-0.1
<b>Windows</b>	
Glass	0.1
PVC frame	0.06
<b>Internal doors</b>	
Panel doors (chipboard)	-0.02
<b>External doors</b>	
PVC	0.1
<b>Roof</b>	
Timber rafters, rock wool insulation and Marley plain concrete (BRE element profile)	4.5
<b>Total</b>	<b>20.1</b>

**Typical practice (England) - 4 story block of flats**

<b>Building material</b>	<b>Tonnes of CO<sub>2</sub></b>
<b>Foundations</b>	
Concrete	4.7
<b>Flooring</b>	
Hardcore, concrete slab, screed, chipboard, extruded polystyrene insulation	39.9
<b>Ceilings</b>	
Plasterboard	2.3
<b>Structural Steel</b>	
Steel	15.44
<b>External walls</b>	
Brick outer leaf with block internal leaf, glasswool insulation and plasterboard	32.1
<b>Internal walls</b>	
Block and plasterboard	17.3
<b>Stairs</b>	
Concrete	1.1
<b>Windows</b>	
Glass	0.3
PVC frame	0.29
<b>Internal doors</b>	
Panel doors (chipboard)	-0.4
<b>External doors</b>	
PVC	0.6
<b>Roof</b>	
Timber rafters, rock wool insulation and Marley plain concrete (BRE element profile)	23.4
<b>Total</b>	<b>136.9</b>