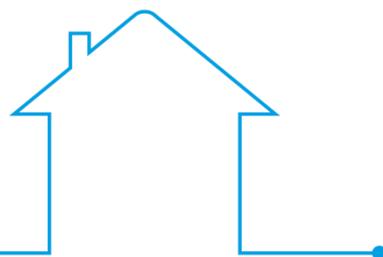




Department
of Energy &
Climate Change

ANNEX G

Summary of Building Regulations



June 2016

Summary of Building Regulations

Building Regulations Part L is an energy performance based requirement. It does not specify a particular type of construction or insulation material but minimum performance standards. Given that most homes in England built in particular years are similar constructions it is possible to determine the likely way these standards would be met in a so-called “notional” house. These are set out in this Annex.

Table G1: Summary of Domestic Building Regulations Part L

	1985	1990	1995	2002	2006	2010	2013	2016
Roof u-value ¹ (W/m ² K)	0.35	0.25	0.20	0.16	0.14	0.13	0.13	0.13
Loft insulation	100mm	140mm	160mm	250mm	270mm	300mm	300mm	250mm
Wall u-value (W/m ² K)	0.60	0.45	0.35	0.35	0.22	0.22	0.18	0.15
Boiler standards ²				D rated (78% eff.)	B rated (86% eff.)	A rated (89.5% eff.)	89.5% eff.	89.5% eff.
Heating controls		Timer & thermostat	Timer & thermostat	Zone cont.	Zone cont.	Zone cont.	Zone cont. and weather compensation	Time and temperature zone control and weather compensation

¹ A u-value is a measure of heat loss in a building element such as a wall, floor or roof. A lower u-value indicates better thermal performance.

² Condensing boilers require water to be drained outside the home. If this is not practical a lower efficiency boiler can be used.