



## Technical Update

### Building Regulations

The government has announced changes to the three building regulations to help UK deliver net zero. This includes a requirement for new homes to produce around 30% less CO<sub>2</sub> than current standards and a 27% reduction of emissions from other new buildings.

#### IMPLEMENTATION PERIOD

The changes follow a public consultation and come into effect from 15 June 2022. For New Build the date applicable is from date of building application, so it does not apply to work subject to a building notice, full plans application or initial notice submitted before the 15 June 2022, provided the work for each building is started before 15 June 2023.

# Approved Document L

## Limiting Values

Document L has two parts, Part 1 applies to dwellings and Part 2 applies to commercial. The table below sets out the updated limiting U Values for thermal performances.

|   | 2010          | 15th June 2022 |
|---|---------------|----------------|
| <b>L1A New Dwellings</b>                            |               |                |
| Windows/Doors                                       | 2.0           | 1.6            |
| Rooflight   | 2.0           | 2.2            |
| <b>L1A Existing Dwellings</b>                       |               |                |
| Window  | 1.6 or Band C | 1.4 or Band B  |
| Rooflight   | 1.6 or Band C | 2.2            |
| Doors with greater than 60% of internal face glazed | 1.8 or Band E | 1.4 or Band C  |
| Other doors   | 1.8 or Band E | 1.4 or Band B  |
| <b>L2A New Commercial</b>                           |               |                |
| Windows/Doors                                       | 2.2           | 1.6            |
| Rooflight   | 2.2           | 2.2            |
| High usage entrance doors                           | 3.5           | 3.0            |
| <b>L2B Existing Commercial</b>                      |               |                |
| Windows in buildings similar to dwellings           | 1.6 or Band C | 1.6 or Band B  |
| Windows, doors and roof windows                     | 1.8           | 1.6            |
| Rooflight   | 1.8           | 2.2            |
| High usage entrance doors                           | 3.5           | 3.0            |

## Notes

- Replacements can't have worse performance than the element they replace
- If windows or fully glazed doors cannot meet these requirements because of the need to maintain the character of the building, either of the following should be met, either:
  1. A centre pane U-value of 1.2
  2. Supplemented with low-emissivity secondary glazing