

Contractor UPDATE

No: 202213
Date: September 22

The Building Regulations 2010

Conservation of
fuel and power

APPROVED DOCUMENT



Volume 1: Dwellings

Requirement L1: Conservation of fuel and power
Requirement L2: On-site generation of electricity
Regulations: 6, 22, 23, 24, 25, 25A, 25B, 26, 26A, 26C,
27, 27A, 27C, 28, 40, 40A, 43, 44 and 44ZA

Rooflight with
integral upstand—
no additional
insulation required

Kerbs not supplied
as part of the
rooflight—insulate to
achieve max.
U-value of
 $0.35\text{W/m}^2\text{K}$

REMINDER—Insulating rooflight builder's kerbs

A requirement in Part L 2021 (England)

What do the regulations say?

Tables 4.1 and 4.2 regarding limiting U-values for fabric elements in new and existing buildings in both volumes of Part L 2021 include the following note pertaining to rooflights:

“An upstand built on site should not exceed a U-value of $0.35\text{W/m}^2\text{K}$ ”

This applies to both new and existing kerbs.

Rooflight upstands supplied as part of the rooflight unit do not require further insulation, as the thermal value of these has already been taken into account as part of the quoted rooflight U-value.

When did this come into force?

This took effect on 15th June 2022 for use in England. It does not apply to work subject to a building notice, full plans application or initial notice submitted before that date, provided the work for each building is started before 15th June 2023.

Bauder specifications and drawings

All Bauder specifications and drawings now being produced reflect these requirements, and rooflights supplied for location onto builder's kerbs will be designed to accommodate the necessary insulation. We would ask all contractors to take this into account when pricing and completing Bauder projects.

What thickness of Bauder insulation is required?

- BauderPIR FA-TE - 60mm
- BauderROCK - 105mm
- BauderGLAS T3+ - 100mm

Can insulation be incorporated within the kerb instead of the Bauder system?

Unless an adequate AVCL is present on the inside face (warm side) of the kerb, there is a risk of condensation forming within the kerb, which can lead to long term serious issues. Therefore Bauder do not recommend this.

If you have any questions, please do not hesitate to contact me,

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