

Elevate[®]

Lightweight aggregate blocks

Elevate[®] is a lightweight aggregate block for general purpose use in domestic extensions.

Manufactured from high quality approved lightweight aggregates, **Elevate[®]** has a granular surface texture and is plain ended and grey in colour. They are robust and durable, Building Regulation compliant and provide excellent fixability.











Available in 4.2N/mm² and 7.3N/mm² strengths, **Elevate[®]** is the ideal cost effective Part L extension solution.




Applications

- External walls inner leaf
- External walls outer leaf
- Internal loadbearing walls
- Internal partition walls
- Walls below DPC*

Key benefits

-  Lightweight low density
-  Fire resistant
-  Load bearing
-  Authority
-  Accepts plaster without bonding coat
-  High thermal efficiency
-  Good sound insulation
-  Low shrinkage
-  Excellent fixability
-  Easily cut and chased

Technical Specification

Work Size	440mm x 100mm x 215mm
Co-ordinating Size	450mm x 100mm x 225mm
Type	100mm
Solid	
Strengths available	4.2N/mm ² 7.3N/mm ²
Pack sizes	9.6m ²

Properties & Performance



Mean Compressive Strength

See size table above for strengths available.

Dry Density

4.2N/mm² & 7.3N/mm² - 1050 Kg/m³.

Thermal Value (at 3% moisture)

k = 0.31W/m²K for 4.2N/mm² and 7.3N/mm²

Moisture Movement

Not greater than 0.6 mm/m*

Fire Resistance

Elevate[®] is classified as A1
Non-combustible as defined in BS EN 13501-1

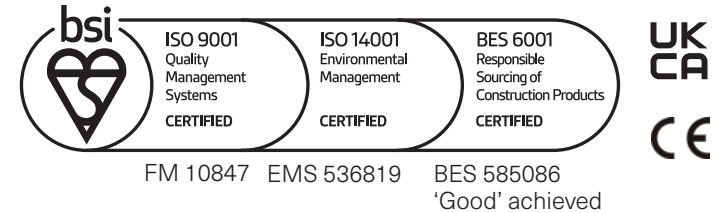
Shear Bond Strength

0.15 N/mm²

* Please consult our Technical Department for further information.

Authority

Elevate[®] blocks are manufactured in production facilities to BS EN 771-3, with third party accreditation under BSI as follows:-



Fixability

Elevate[®] blocks accept direct nailing and are easy and speedy to drill and plug.

Mortar Designations

Class (iii) for walls above dpc by volume

Cement : Lime : Sand	1 : 1 : 6
Cement : Sand	1 : 5 to 6

Class (ii) for walls below dpc by volume

Cement : Lime : Sand	1 : ½ : 4
Cement : Sand	1 : 3 to 4

Rendering

Builders considering the use of proprietary single coat render systems must exercise caution to accurately adhere to the render manufacturers' design and specification guides. Furthermore, during application, strictly adhere to the specific and expansive application instructions, paying particular attention to prevailing weather conditions applied thereto. Please note that traditional rendering applications are not so seasonally and conditionally demanding.