

Uniclass L32232:L344
CI/SfB (23)+(27) Ff4

H+H Vertical Elements (100) are a new generation of mechanically handled aircrete product that build on the efficiency of thin layer construction. Available in standard lengths to suit storey heights, these products will offer all the benefits of aircrete material with proven site productivity.

## H+H Vertical Element (100) Datasheet



Developed to enhance the key benefits of our thin joint system; speed and quality of build with reduced waste, H+H UK's Vertical Elements (100) offer all the attributes of aircrete as a building material whilst offering additional value to the project.

These 100mm thick Vertical Elements can be used in housing as well as commercial or mixed tenure projects. Suitable for internal partition and the internal leaf of an external wall, the products offer solutions to meet the requirements of the Building Regulations for Education, Health, Care Homes, Retail outlets, Hotels, Commercial buildings, Leisure, Offices as well as Housing (social and private).

H+H Vertical Elements (100) are made to extremely tight manufacturing dimensional tolerances, supplied specifically for use with a combination of ancillary products which all complement the 2mm joint of Celfix, our thin layer mortar, with no levelling required, this ensures a quality and quick build with little or no site wastage.

H+H Vertical Elements are sold as a package including most materials required to build the walls, priced either as supply and build (quoted including labour, or supply only (quoted as a materials only price).

### Aircrete benefits:

- Excellent thermal insulation
- Excellent fire resistance
- Strong
- Good Thermal Mass
- Airtight
- Excellent Sound insulation
- Robust and Durable
- Lightweight
- Sustainable
- User friendly
- Design flexibility

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### Vertical Element (100) Technical Data

<b>Dimensions</b> (mm) (l x h x t)	600 x up to 3000 x 100
<b>Strength*</b> (N/mm <sup>2</sup> )	4.0
<b>Density</b> (kg/m <sup>3</sup> )	600
<b>Thermal conductivity</b> (W/mK)	0.16

\* Strength quoted in accordance with EN12602.

#### For further information

For large projects, benefit is usually gained from arranging a visit from a member of our technical sales team, to discuss the specific project and any enhanced solutions that may be required. Please call 01732 886 444 to arrange an appointment.

For smaller projects please send us an electronic or hard copy of dimensioned plan, section and elevation drawings with the required technical specification with your company and contact details. From these drawings and specification our in-house team can provide an estimate. The email address for this is [info@hhcelcon.co.uk](mailto:info@hhcelcon.co.uk)

Our estimates will generally be based on a standard specification to meet minimum Building Regulation requirements. However, our products can easily be used to meet enhanced requirements for sound, thermal or fire regulations.

#### Contact details

For enquiries or to receive a free estimate please contact us;

Tel: **01732 886444**

or email: [info@hhcelcon.co.uk](mailto:info@hhcelcon.co.uk)

#### Head office

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For further information about the products covered in this datasheet or other H+H UK products including Celcon blocks, please visit our website [www.hhcelcon.co.uk/products](http://www.hhcelcon.co.uk/products)