

AIRTEC FOUNDATION 140 Block



AIRTEC FOUNDATION blocks are designed as a lightweight, speedy and cost effective alternative to traditional cavity foundation walls.

A solid Airtec foundation wall of 140mm high blocks built two courses high means a faster build, shallower trenches, less waste material, no need for cavity wall ties, less mortar and eliminates any chance of collapsed cavities.

The excellent thermal properties of Airtec Foundation blocks enhance thermal integrity throughout the building especially when used in conjunction with Airtec walls and floors.

Hand-holds are provided for ease of handling, laying and additional safety.



APPLICATIONS

- **Solid Foundation Walls below dpc**
- **Thin-Joint Construction**
- **External Solid walls above dpc**
- **Support for cavity, solid and timber framed walls**
- **Support for block & beam suspended floors**

TECHNICAL PROPERTIES

| | |
|------------------------------|------------------------------|
| Face Size: | 620mm x 140mm |
| Compressive Strength (min): | 3.6 or 7.3 N/mm ² |
| Dry Density (nominal): | 530 or 730 kg/m ³ |
| Design Thermal Conductivity: | 0.11 or 0.17 W/mK |
| Fire Resistance Category: | Class A1 |
| Dimensional Classification: | TLMB |
| Freeze/Thaw Resistant: | Yes |



PACK WEIGHTS AND BLOCK SIZES

| AIRTEC Grade | AIRTEC STANDARD 3.6N | | | | AIRTEC SEVEN 7.3N | | | |
|---------------------------------|----------------------|------|------|------|-------------------|------|------|------|
| | 260 | 275 | 300 | 350 | 260 | 275 | 300 | 350 |
| Block Thickness, mm | 260 | 275 | 300 | 350 | 260 | 275 | 300 | 350 |
| Block Weight, kg | 12.3 | 13.0 | 14.2 | 16.6 | 17.0 | 17.9 | 19.6 | 21.9 |
| No. Per Pack | 30 | 30 | 30 | 24 | 30 | 30 | 30 | 24 |
| Weight Per Pack, kg | 452 | 478 | 522 | 487 | 623 | 659 | 718 | 671 |
| m² Per Pack | 2.84 | 2.84 | 2.84 | 2.27 | 2.84 | 2.84 | 2.84 | 2.27 |
| Blocks per m² | 10.58 | | | | | | | |

Please note:

- A range of wagon sizes are available, with or without pallets. Please ring our Sales Office for details.
- Other thicknesses available to order but are not kept as general stock sizes
- Block weight is at the equilibrium moisture content of 3% by weight
- Pack weight allows for maximum moisture content when packed; actual delivered weight will be less
- m² per pack figure based on the inclusion of conventional 10mm mortar joints
- Health & Safety guidelines recommend that precautions be taken when using blocks over 20kg in weight