

AIRTEC LARGE FORMAT - Wall Block



AIRTEC LARGE FORMAT Wall blocks are designed to provide significantly improved thermal insulation and airtightness of internal and external walls by reducing the proportion of mortar joints in a wall. This effect is even greater when used in conjunction with 2mm thin-joint construction where the mortar proportion can be reduced by around 87% when compared to conventional walls using 10mm mortar joints.

These lightweight blocks can halve the amount of blocks to be laid in a wall as opposed to traditional 215mm high wall blocks.

Even though they are twice the height of a normal 215mm block, their very low weight complies with manual handling guidelines and minimises the amount of repetitive lifts required.



APPLICATIONS

- External or Internal leaf of cavity walls
- Loadbearing and non-loadbearing walls
- Party/Separating Walls to Part E
- Robust Details Party Walls
- Flanking walls to Party walls
- Partition Walls
- Thin-Joint Construction
- Fire resistant walls

TECHNICAL PROPERTIES

Face Size:	620mm x 430mm
Compressive Strength (min):	3.6 N/mm ²
Dry Density (nominal):	600 kg/m ³
Design Thermal Conductivity:	0.13 W/mK
Fire Resistance Category:	Class A1
Dimensional Classification:	TLMB
Freeze/Thaw Resistant:	Yes

PACK WEIGHTS AND BLOCK SIZES

Block Thickness, mm	100
Block Weight, kg	16.5
No. Per Pack	28
Weight Per Pack, kg	564
m² Per Pack	7.47 †
Blocks per m²	3.61



Please note:

- A range of wagon sizes are available, with or without pallets. Please ring our Sales Office for details.
- † The m² per pack DOES NOT include allowance for the mortar joint; this figure is for the block only
- 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