Overview of our block products





Airtec XL



Airtec

Party Wall

Available only as

100mm thick blocks

designed for use in

Robust Standard Detail

acoustic separating

walls and Part E walls.

600 (± 50)

3.6

0.13











Cellular

Dense

A lower weight

alternative to the solid

dense block with

improved thermal

properties. The cells

are blinded at one end

to accept a full bed of

mortar for ease of

1850 - 2100

7.3 †

0.88







bricks, slip blocks and split coursing blocks for

Gross Dry Density, kg/m³
Compressive Strength, N/mm ²
Thormal Conductivity, W/mV

Airtec

Standard

These weight all-round

building block are

unique in offering a

strength of 3.6N/mm²

but with a thermal

conductivity value of

just 0.11 W/mK.

530 (± 50)

3.6

0.11



Airtec

Seven

Higher strength

aerated blocks

intended for use in

applications where

higher loadbearing

capacity or physical

toughness is

required.

730 (± 50)

7.3

0.17



Ultralite

Low density aggregate

concrete blocks

manufactured using

expanded clay

products. These

blocks are low weight

with enhanced

thermal properties.

950 - 1050

3.6, 7.3

0.32



Insulite

Insulite medium density

lightweight blocks are a

versatile, all-round

building block. Available

in Standard and

'Premier' paint-grade

finishes and as solid

Armstart foundation

hlocks

1450 - 1550

3.6, 4.2, 7.3

0.49



Solid

Dense

Highly durable and

esilient Dense concrete

blocks available in

Standard and Fairtex

paint-grade finishes.

They are also available

as small format

MIDI blocks.

1850 - 2100

7.3, 10.4 †

1.17





Hollow

Dense

Ideal for constructing

reinforced walls, the

hollow voids can be

filled with poured

concrete and steel

reinforcement. Perfect

for commercial,

industrial and

agricultural applications.

1850 - 2100

7.3 †

0.88



Rockfaced

Blocks

A light coloured, close-

textured dense concrete

block manufactured at

our Congleton plant. The

rippled rock appearance

on one face makes them

an attractive option for

facing applications.

2000 - 2200

10.4

1.22

We also produce a range of lightweight and dense coursing bricks, concrete common block and beam flooring applications.

Gross Dry Density, kg/m³
Compressive Strength, N/mm ²
Thormal Conductivity W/mV

Airtec XL blocks have the lowest thermal conductivity value of any block currently manufactured in the UK. combining exceptionally low weight, good strength and high mal performance.

0.09

	thermal performa
13	460 (± 50)
1 ²	2.9















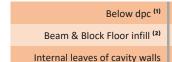


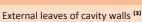


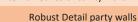














Airtec aerated blocks have a plain-faced, smooth, cellular texture which is a suitable background for accepting renders and plasters. In common with all aerated concrete in the UK, the surfaces of the blocks may contain a random amount of

larger cells due to an unavoidable consequence of the manufacturing process. These large cells are perfectly normal and are not a defect and do not detract from performance in any way. Although the blocks can be painted, we cannot guarantee that the surfaces will not contain some of these larger cells and we therefore do not recommend using Airtec for paint-grade or fair-faced applications.

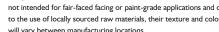


Standard Texture

Ultralite, Insulite and Dense Concrete Standard texture finish is intended for use in background applications. Their relatively open texture provides the perfect substrate for application of renders and plasters. Standard texture blocks are

not intended for fair-faced facing or paint-grade applications and due to the use of locally sourced raw materials, their texture and colour will vary between manufacturing locations.







Premier Insulite

Premier is a closer textured Insulite medium density lightweight aggregate block whose smoother surface offers an excellent paintgrade finish. Due to the use of reclaimed and recycled raw materials in these blocks, the precise texture and shade of blocks may vary

from batch to batch and also between manufacturing locations. For this reason, Premier Insulite blocks are the perfect paint-grade block but are not intended for use in unfinished decorative fair-faced applications where consistency of colour and texture is critical. For unfinished, internal facing applications where texture and colour are critical, we recommend the use of our Fairtex Dense concrete blocks.



Fairtex Dense

† Indicates that higher strengths may be available. Please check

Fairtex Dense concrete blocks have a close textured finish suitable for use in either paint-grade or fair-faced unfinished internal applications. Fairtex blocks are not suitable for unfinished external applications. Fairtex precise texture and shade will vary

between manufacturing locations and we recommend sourcing blocks from one location only for each project to avoid a mixture of block shades. We recommend that sample panels are erected prior to commencement of build in order to assess appearance and determine the type and quality of mortar tooling. During the build phase select blocks from more than one pack at a time to reduce the risk of patchiness and colour banding in the finished wall.

(1) Block strength of 7.3 N/mm² or greater. (2) Block strength of 7.3 N/mm² or greater. (3) Blocks are not weatherproof nor waterproof and are not suitable for unfinished external applications. External leaves must be protected e.g. render, cladding.

