Overview of our block products





Airtec XL

Airtec XL blocks have the



Airtec

Party Wall

Available only as



Airtec

Seven

Higher strength





Solid

Dense

Highly durable and



Cellular

Dense

A lower weight







Gross Dry Density, kg/m³
Compressive Strength, N/mm²
Thormal Conductivity, W/mV

Airtec

Standard

These weight all-round





Ultralite



Insulite

Low density aggregate | Insulite medium density







Hollow

Dense

Ideal for constructing



Rockfaced

Blocks

A light coloured, close-

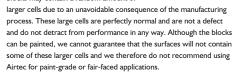
d b	Ve also produce a range of lightweight and ense coursing bricks, concrete common ricks, slip blocks and split coursing blocks for lock and beam flooring applications.	lowest thermal conductivity value of any block currently manufactured in the UK, combining exceptionally low weight, good strength and high thermal performance.	building block are unique in offering a strength of 3.6N/mm² but with a thermal conductivity value of just 0.11 W/mK.	100mm thick blocks designed for use in Robust Standard Detail acoustic separating walls and Part E walls.	aerated blocks intended for use in applications where higher loadbearing capacity or physical toughness is required.	concrete blocks manufactured using expanded clay products. These blocks are low weight with enhanced thermal properties.	lightweight blocks are a versatile, all-round building block. Available in Standard and 'Premier' paint-grade finishes and as solid Armstart foundation blocks.	resilient Dense concrete blocks available in Standard and Paint- Grade paint-grade finishes. They are also available as small format MIDI blocks.	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 build.	reinforced walls, the hollow voids can be filled with poured concrete and steel reinforcement. Perfect for commercial, industrial and agricultural applications.	textured dense concrete block manufactured at our Congleton plant. The rippled rock appearance on one face makes them an attractive option for facing applications.	
	Gross Dry Density, kg/m³	460	530	600	730	1050 - 1150	1450 - 1550	1850 - 2100	1850 - 2100	1850 - 2100	2000 - 2200	
	Compressive Strength, N/mm²	2.9	3.6	3.6	7.3	3.6, 7.3	3.6, 4.2, 7.3	7.3, 10.4 †	7.3 †	7.3 †	10.4	
	Thermal Conductivity, W/mK	0.09	0.11	0.13	0.17	0.32	0.49	1.17	0.88	0.88	1.22	

Applications

maistace that mental and mental a										
Below dpc (1)		•	•	•	•	•	•		•	
Beam & Block Floor infill (2)				•		•	•			
Internal leaves of cavity walls	•	•	•	•	•	•	•	•		
External leaves of cavity walls (3)		•	•	•	•	•	•	•		•
Robust Detail party walls			•	•		•	•			

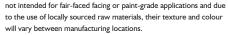
Airtec Blocks

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





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





Premier Insulite

Premier is a closer textured Insulite medium density lightweight aggregate block whose smoother surface offers an excellent paintgrade finish. For internal applications only; unsuitable for external applications. 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.



Dense Paint Grade

† Indicates that higher strengths may be available. Please check

Dense Paint Grade concrete blocks have a close textured finish suitable internal. painted applications. Their colour and shade is not guaranteed and therefore are not suitable for unfinished fair-faced applications. Due to the sustainable

approach that we have to manufacturing, locally sourced raw materials are used in each plant and as a consequence texture and shade will vary between manufacturing locations. The colour and shade cannot be guaranteed from batch to batch and for this reason they are not suitable for use in decorative fair-faced applications.



The texture images used here are intended for indicative purposes only and actual textures and shades may vary between manufacturing locations. For further information and sample blocks, please contact your local sales office - details can be found on our website. We advise the construction sample panels on site as masonry appearance cannot be appreciated from individual blocks.