



## **DONLITE SPECIFICATION AND TECHNICAL DATA**

<b>DESCRIPTION</b>	<b>SOUND INSULATION</b>
A general purpose building block of medium density manufactured from the finest quality blended lightweight aggregates. Suitable for a wide range of applications in load bearing and non-load bearing construction. The standard block has a textured face which is an ideal key for plastering, rendering and drylining and readily accepts most types of fixings. Paint grade blocks are available for walling to receive a decorative finish.	The full range of Donlite blocks offer excellent sound insulation which satisfies the building regulations for both party walls and flanking walls
	<b>THERMAL PROPERTIES</b>
	The Thermal Conductivity (k value) for 100mm 3.6n & 7.3n blocks is 0.41W/mK and for 100mm 10.4n blocks is 0.48W/mK
	<b>FIRE RESISTANCE</b>
	Donlite blocks are manufactured from selected Class 1 non-combustable aggregates and will withstand fire for between 2 and 6 hours, dependant on thickness.
<b>SIZES &amp; STRENGTHS</b>	<b>DENSITY</b>
The Donlite is a solid block with plain ends, a working face size of 440mm x 215mm, and in thickness' of 100mm,140mm,190mm or 215mm. Dimensional tolerances comply with the requirements of BS EN 771-3 Strengths are 3.6n, 4.2n, 7.3n and 10.4n.	The approx. density of the Donlite range is 1350 – 1500 Kg/m <sup>3</sup>
	<b>QUALITY CONTROL</b>
<b>FOUNDATION BLOCKS</b>	The Donlite aggregate block is manufactured to comply with BS EN 771-3 Our process checks and tests provide continuous quality control from raw materials to finished product.
The Donlite 7.3n foundation block, which is manufactured with useful finger-grips has been proven to be easy to handle and lay, efficient and economical. Size: 300mm x 275mm x 140mm	
	<b>USES</b>
<b>SUSPENDED FLOORS</b>	External walls (inner and outer leaves)
The 100mm 7.3n Donlite can be used in conjunction with pre-cast concrete flooring beams and provides an instant safe and durable working platform.	Internal partitions Party walls Block & beam floors Boundary walls