

EXTRALYTE SPECIFICATION AND TECHNICAL DATA

DESCRIPTION	SOUND INSULATION
A general purpose low density building block manufactured from a blend of man-made expanded clay and other quality lightweight aggregates. Suitable for a wide range of applications in load bearing and non-load bearing construction.	The full range of Extralyte blocks offer adequate sound insulation to satisfy building regulations. Sound Reduction (RW) for 100mm Extralyte, depending on wall finish, is approx. 40dB (Mass Law)
The standard block has a textured grey 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.	THERMAL PROPERTIES
	Thermal Conductivity (k value) for 100mm Extralyte 3.6n is 0.322W/mK Thermal Resistance (r value) for 100mm Extralyte 3.6n is 0.31m ² K/W
	FIRE RESISTANCE
SIZES & STRENGTHS	
The Extralite is a solid block with plain ends, a working face size of 440mm x 215mm, and in thickness' of 100mm and 140mm.	Extralyte blocks are manufactured from selected Class 1 Fire Resistant aggregates as defined in BS 5628 Part 3
Dimensional tolerances comply with the requirements of BS EN 771-3 Strengths are 3.6n, 4.2n, and 7.3n.	DENSITY
	The approx. dry density of the Extralyte block range is 1050 - 1100 Kg/m ³
FOUNDATION BLOCKS	QUALITY CONTROL
The Extralyte 7.3n foundation block, which is manufactured with useful finger-grips is both efficient and economical.	The Extralyte aggregate block is manufactured to comply with BS EN 771-3.
Size: 300mm x 275mm x 140mm	Our process involves checks and tests providing continuous quality control from raw materials to finished product.
SUSPENDED FLOORS	
The 100mm 7.3n Extralyte can be used in conjunction with pre-cast concrete flooring beams and provides a safe and durable working platform.	USES
	External walls (inner and outer leaves) Internal partitions Block & beam floors