



PUMLITE SPECIFICATION AND TECHNICAL DATA

DESCRIPTION

A general purpose low density building block manufactured from a blend of naturally occurring pumice and quality lightweight aggregates. Suitable for a wide range of applications in load bearing and non-load bearing construction. The standard block has a textured near white 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.

SIZES & STRENGTHS

The Pumlite is a solid block with plain ends, a working face size of 440mm x 215mm, and in thickness' of 100mm and 140mm. Dimensional tolerances comply with the requirements of BS EN 771-3. Strengths are 3.6n, 4.2n, and 7.3n.

FOUNDATION BLOCKS

The Pumlite 7.3n foundation block, which is manufactured with useful finger-grips has been proven to be both efficient and economical.
Size: 275mm x 300mm x 140mm

DENSITY

The approx. dry density of the Pumlite range is 1000 - 1100 Kg/m³

SUSPENDED FLOORS

The 100mm 7.3n Pumlite can be used in conjunction with pre-cast concrete flooring beams and provides a safe and durable working platform.

SOUND INSULATION

The full range of Pumlite blocks offer adequate sound insulation to satisfy building regulations. Sound Reduction (RW) for 100mm Pumlite, depending on wall finish, is approx. 40dB (Mass Law)

THERMAL PROPERTIES

Thermal Conductivity for 100mm Pumlite 3.6n is 0.29W/mK
Thermal Resistance for 100mm Pumlite 3.6n is 0.35W/mK

FIRE RESISTANCE

Pumlite blocks are manufactured from selected Class 1 Fire Resistant aggregates as defined in BS 5628 Part 3

QUALITY CONTROL

The Pumlite aggregate block is manufactured to comply with BS EN 771-3. Our process involves checks and tests providing continuous quality control from raw materials to finished product.