

# GlenXtraLite

## Lightweight Aggregate Concrete Block

Skene Group Construction Services Ltd manufacture **GlenXtraLite** a complete range of lightweight aggregate blocks produced which offer the specifier a choice of units which will satisfy their **Green Credential** requirements. These blocks are also particularly useful where the **low weight** of block and **increased thermal capacity** are desired.

These blocks are:

**GlenXtraLite Standard:** A 100% lightweight aggregate block of low to medium density, produced using naturally occurring pumice aggregate.

**GlenXtraLite Paintgrade:** A block specifically produced to receive a paint finish, with good thermal performance and a low working weight.

**GlenXtraLite Spacer:** A flat-faced solid spacer brick that avoids cutting of full size blocks for interlocking courses or forming details, of course **eco friendly**.

### STANDARDS & AUTHORITY

All **GlenXtraLite** products comply fully with EN 771-3: Aggregate concrete masonry units. Currently working towards BES 6001.BRE Environmental and Sustainability Standard.

### PRODUCT APPLICATION

- Lightweight blocks may be used for:
- ✓ External rendered/protected walls
  - ✓ Internal plastered/finished walls
  - ✓ Internal painted walls
  - ✓ Below DPC –minimum 7.3N/mm<sup>2</sup>

### DIMENSIONS

440mm x 100mm x 215mm  
440mm x 140mm x 215mm

### COMPRESSIVE STRENGTH

All **GlenXtraLite** blocks are manufactured totally solid, and are available in 2.8, 3.6, 7.3 & 10.4N/mm<sup>2</sup> strengths.

### DENSITY

Normal manufactured density (at 3% m/c) of the concrete is 1100kg/m<sup>3</sup>. Higher strength blocks will tend to show greater density.

Typical working weight: 100mm - 12kg  
140mm - 16kg

### THERMAL CAPACITIES

Greater thermal performance than traditional medium density blocks. 100% lightweight aggregate reduces density to increase the thermal performance.

**Thermal conductivity 0.34w(mk) internal leaf**

### FIRE RESISTANCE

The materials used in all blocks are non-combustible. Fire Resistance figures, depending on build location on request.

### QUALITY CONTROL

Skene Group operates an Internal Quality Control System to BS EN 771-3.

### DRYING SHRINKAGE/water vapour

All block shrinkage below (0.80mm/m)  
5/15 based on tabulated values from BSEN 1745