

# *GlenSupaLite*

## *Ultra Lightweight Aggregate Concrete Block*

Skene Group Construction Services Ltd manufacture **GlenSupaLite** a complete range of lightweight aggregate blocks which offer the specifier a choice of units which will satisfy their **Green Credential** requirements as well as offering a **high thermal** performance. These blocks are of very **low weight** and an **enhanced thermal capacity** as a result. These blocks are:

**GlenSupaLite Standard:** An ultra lightweight aggregate block, produced using naturally occurring pumice aggregate and environmentally friendly manufactured lightweight aggregate.

### STANDARDS & AUTHORITY

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

### PRODUCT APPLICATION

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

### DENSITY

Normal manufactured density at 3% moisture is 900/m<sup>3</sup>. Higher strength blocks will tend to show slightly higher density.

Typical working weight: 100mm – 9.0kg  
140mm -12.6kg

### THERMAL CAPACITIES

Greater thermal performance than traditional medium density blocks. Expanded clay pellets aids reduced density to increase the thermal performance.

**Thermal conductivity 0.27(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