



GlenEcoLite

Lightweight Aggregate Concrete Block

Manufactured with 100% **RECYCLED** aggregate

Skene Group manufacture **GlenEcoLite** a complete range of lightweight aggregate blocks 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:

GlenEcoLite Standard: A 100% lightweight aggregate block of low to medium density, a **by-product** from locally sourced coal fired power stations, **RECYCLED** water and Portland cement giving 90% totally recycled material content.

GlenEcoLite Paintgrade: A block specifically produced to receive a paint finish, with all the credentials of 100% recycled aggregates.

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

STANDARDS & AUTHORITY

All **GlenEcoLite** 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 7N/mm²

DIMENSIONS

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

COMPRESSIVE STRENGTH

All **GlenEcoLite** blocks are manufactured totally solid, and are available in 2.8, 3.5, 7.3 & 10.4N/mm² strengths.

DENSITY

Normal manufactured density (at 3% m/c) of the concrete is in the range: 1000 – 1200 kg/m³. Higher strength blocks will tend to show greater density. Thermal conductivity 0.30-0.38 w/(mk)
Typical working weight: 100mm 12kg
140mm 16kg

THERMAL CAPACITIES

Greater thermal performance than traditional medium density blocks. 100%-**recycled** ash reduces density to increase the thermal performance. Current Data sheets available on request.

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

All block shrinkage below 0.06%