



# Product Data

## Lightweight Aggregate Concrete Block

Manufactured with 75% recycled materials

Skene Group manufacture a complete range of lightweight aggregate blocks which offer the specifier a choice of units which will satisfy their thermal, density, dimensional and aesthetic requirements. These blocks are particularly useful where the weight of block is an issue. These blocks are:

**Glentherm Standard:** A general-purpose lightweight aggregate block of medium density, manufactured from *recycled* furnace bottom ash and Portland cement.

**Glentherm Paintgrade:** A block specifically produced to receive a paint finish.

**Glentherm Spacer:** A flat-faced spacer brick that avoids cutting of full size blocks for interlocking courses or forming details.

### STANDARDS & AUTHORITY

All **Glentherm** products comply fully with EN 771-3 Aggregate concrete masonry units

### PRODUCT APPLICATION

Lightweight blocks may be used for:

- ✓ External rendered/protected walls
- ✓ Internal plastered/finished walls
- ✓ Internal painted walls
- ✓ Partitions
- ✓ Separating Walls
- ✓ Below DPC –check with manufacturer
- ✓ Infill blocks for pre-stressed/ suspended floor

### DIMENSIONS

440mm x 100mm x 215mm

440mm x 140mm x 215mm

### COMPRESSIVE STRENGTH

All **Glentherm** blocks are manufactured totally solid, and are available in 3.5, 7.3 & 10.4N/mm<sup>2</sup> strengths.

### DENSITY

Normal manufactured density (at 3% m/c) of the concrete is in the range: 1350 – 1550 kg/m<sup>3</sup>. Higher strength blocks will tend to show greater density.

**Typical working weight: 100mm 14kg  
140mm 20kg**

### DRYING SHRINKAGE

Shrinkage of all blocks is less than 0.06%

### FIRE RESISTANCE

The materials used in all blocks are non-combustible

### QUALITY CONTROL

Skene Group operates an Internal Quality Control System. Our products are continually tested and monitored to ensure a consistent product every delivery at our on site laboratory.

### AIRTIGHTNESS

Air permeability

Typical airtightness m<sup>3</sup>/hr/m<sup>2</sup>@50Pa

100mm solid painted finish 0.12-0.57

140mm solid painted finish 0.01-0.63