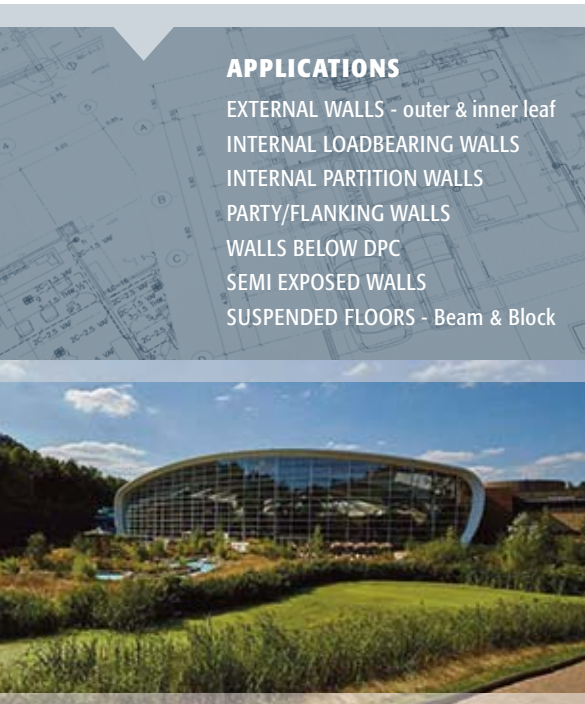


# STRANLITE®

LIGHTWEIGHT AGGREGATE BLOCKS

## APPLICATIONS

- EXTERNAL WALLS - outer & inner leaf
- INTERNAL LOADBEARING WALLS
- INTERNAL PARTITION WALLS
- PARTY/FLANKING WALLS
- WALLS BELOW DPC
- SEMI EXPOSED WALLS
- SUSPENDED FLOORS - Beam & Block



## AUTHORITY

Stranlite blocks are manufactured in production facilities to BS EN 771-3, with third party accreditation under BSI as follows:-

BS EN ISO 9001 FM 10847 Certificate Number

BS EN ISO 14001 EMS 536819 Certificate Number

BES 6001 BES 585086 - 'Good' achieved

BS EN 15037 CPR 601346  
Beam & Block Floors



**STRANLITE** is a range of lightweight aggregate blocks for general purpose use in all types of Housing, Industrial and Commercial building applications.

Manufactured from high quality approved lightweight aggregates, Stranlite is available in an extensive range of strengths and in standard or paint grade finish.

**STRANLITE** blocks have a granular surface texture and are plain ended and grey in colour. They are robust and durable, Building Regulation compliant and provide excellent fixability.



*Lightweight*



*High Thermal Efficiency*



*Fire Resistant*



*Good Sound Insulation*



*Loadbearing*



*Accepts Plaster and Paint without bonding coat*



*Low Shrinkage*



*Authority*



*Easily Cut and Chased*



*Excellent Fixability*






## STRANLITE PACK SIZES

75mm	12.0m <sup>2</sup>
100mm	9.6m <sup>2</sup>
140mm	6.4m <sup>2</sup>
190mm	4.8m <sup>2</sup>

# STRANLITE®

## LIGHTWEIGHT AGGREGATE BLOCKS







Work Size 440mm x width x 215mm  
Co-ordinating Size 450mm x width x 225mm


TYPE	75mm	100mm	140mm	190mm
<b>Solid</b>				
Strengths available	7.3N	4.2N 7.3N 10.4N 17.5N 22.5N	7.3N 10.4N 17.5N 22.5N	7.3N
<b>Flooring Block</b>				
Strength available		3.5N		


NOTES: *Stranlite Flooring Blocks* are designed to withstand a minimum transverse load of 3.5 kN making them ideal for beam and block flooring.



## PROPERTIES & PERFORMANCE

-  **MEAN COMPRESSIVE STRENGTH**  
See size table above for strengths available.
-  **DRY DENSITY**  
4.2N & 7.3N - 1350 to 1400 Kg/m<sup>3</sup>.  
10.4N - 1450Kg/m<sup>3</sup>.  
17.5N & 22.5N - 1600Kg/m<sup>3</sup>.
-  **THERMAL VALUE** (at 3% moisture)  
k = 0.41 W/m°C for 4.2 and 7.3 N.  
k = 0.43W/m°C for 10.4 N.  
Stranlite blocks are Part L1A compliant\*.
-  **MOISTURE MOVEMENT**  
Not greater than 0.6 mm/m\*.
-  **SOUND INSULATION**  
Stranlite complies with Part E and Robust Details for floors and walls\*.
-  **FIRE RESISTANCE**  
Stranlite is manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3 and complies with BS EN 1996-1-2005.

 **SHEER BOND STRENGTH**  
0.15 N/mm<sup>2</sup>.


 **FIXABILITY**  
Stranlite blocks accept direct nailing and are easy and speedy to drill and plug.

 **MORTAR DESIGNATIONS**  
**Class (iii)** for walls ABOVE DPC by volume

Cement : Lime : Sand	1 : 1 : 6
Cement : Sand	1 : 5 to 6

**Class (ii)** for walls BELOW DPC by volume

Cement : Lime : Sand	1 : ½ : 4
Cement : Sand	1 : 3 to 4

 **RENDERING**  
Builders considering the use of proprietary single coat render systems must exercise caution to accurately adhere to the render manufacturers' design and specification guides. Furthermore, during application, strictly adhere to the specific and expansive application instructions, paying particular attention to prevailing weather conditions applied thereto. PLEASE NOTE that traditional rendering applications are not so seasonally and conditionally demanding.

\* Please consult our Technical Department for further information.