

# STRANLITE® PAINT GRADE

LIGHTWEIGHT AGGREGATE BLOCKS

## APPLICATIONS

EXTERNAL WALLS - outer & inner leaf  
INTERNAL LOADBEARING WALLS  
INTERNAL PARTITION WALLS  
PARTY/FLANKING WALLS  
SEMI EXPOSED WALLS



## AUTHORITY

Stranlite Paint Grade 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

**STRANLITE PAINT GRADE** is a range of lightweight aggregate load bearing blocks suitable for locations where a close textured face is required for direct painting to give an attractive smooth and low maintenance finish.

Manufactured from specially selected and prepared lightweight aggregates **STRANLITE PAINT GRADE** blocks are grey in colour, plain ended and finely textured and each block provides one working paint grade face and end.

**STRANLITE PAINT GRADE** is widely used in industrial, commercial and public sector building applications.



*Lightweight*



*High Thermal Efficiency*



*Fire Resistant*



*Good Sound Insulation*



*Loadbearing*



*Readily Accepts Direct Painting*



*Low Shrinkage*



*Authority*



*Easily Cut and Chased*



*Excellent Fixability*




## STRANLITE PAINT GRADE PACK SIZES

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

# STRANLITE® PAINT GRADE

## LIGHTWEIGHT AGGREGATE BLOCKS

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

TYPE	100mm	140mm	190mm
<b>Solid</b>			
Strengths available	7.3N 10.4N	7.3N 10.4N	7.3N



## PROPERTIES & PERFORMANCE



### MEAN COMPRESSIVE STRENGTH

See size table above for strengths available.



### DRY DENSITY

7.3N - 1400 Kg/m<sup>3</sup>.  
10.4N - 1450Kg/m<sup>3</sup>.



### THERMAL VALUE (at 3% moisture)

k = 0.41 W/m.K for 7.3 N.  
k = 0.43 W/m.K for 10.4 N.  
Stranlite Paint Grade is Part L1A compliant\*.



### MOISTURE MOVEMENT

Not greater than 0.6 mm/m\*.



### SOUND INSULATION

Stranlite Paint Grade complies with Part E and Robust Details for floors and walls\*.



### FIRE RESISTANCE

Stranlite Paint Grade 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 Paint Grade 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

*\* Please consult our Technical Department for further information.*