

STRANLITE® PAINT GRADE

LIGHTWEIGHT AGGREGATE BLOCKS

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, 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.

APPLICATIONS

EXTERNAL WALLS - outer & inner leaf

INTERNAL LOADBEARING WALLS

INTERNAL PARTITION WALLS

PARTY/FLANKING WALLS

SEMI EXPOSED WALLS



Lightweight



High Thermal Efficiency



Fire Resistant



Good Sound Insulation



Loadbearing



Readily Accepts Direct Painting



Low Shrinkage



Authority



Easily Cut and Chased



Excellent Fixability



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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 PACK SIZES (Metric)


75mm	12.0m ²
90mm	10.4m ²
100mm	9.6m ²
140mm	6.4m ²
190mm	4.8m ²
215mm	4.0m ²

PROPERTIES AND PERFORMANCE


Mean Compressive Strength

 7.3 N/mm² and 10.4 N/mm².
Higher strengths available on request.


Dry Density

 7.3 N - 1350 to 1400 Kg/m³.
10.4 N - 1425 to 1450Kg/m³.

Thermal Value (at 3% moisture)

 k = 0.41 W/m°C for 7.3N.
k = 0.43 W/m°C for 10.4N.
Stranlite Paint Grade blocks are Part L1A compliant*.


Moisture Movement

 Not greater than 0.60mm/m*.


Sound Insulation

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


Fire Resistance

 Stranlite Paint Grade blocks are manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3 and complies with BS EN 1996-1-2005.


Shear Bond Strength

 0.15 N/mm².

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

* Consult our technical department for further information.



METRIC SIZES AND TYPES








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

Type	75mm	90mm	100mm	140mm	190mm	215mm
Solid						
Hollow / Cellular						
Reveal (50mm)						
Reveal (75mm)						

Reveal sizes to suit the width of the cavity

MODULAR SIZES AND TYPES

Work Size 390mm x width x 190mm
Co-ordinating Size 400mm x width x 200mm

Type	90mm	100mm	140mm	190mm
Solid				
Hollow / Cellular				

NOTES: Green shading denotes block weights of LESS THAN 20KG. For high strength blocks check with Divisional Sales Office.

* Grey shading denotes block weights of more than 20kg.