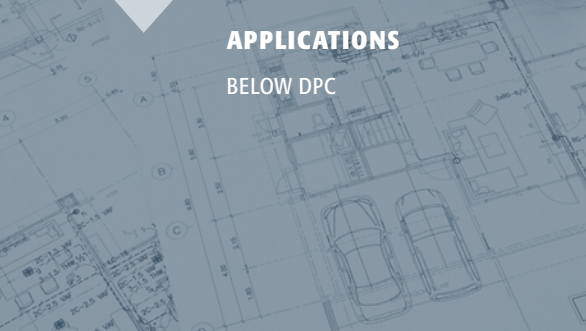


# FOUNDATION BLOCKS

LIGHTWEIGHT AGGREGATE BLOCKS



**APPLICATIONS**  
BELOW DPC



## AUTHORITY

Stranlite Foundation 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

The **STRANLITE FOUNDATION BLOCK** is a loadbearing block manufactured from high quality approved lightweight aggregates.

**STRANLITE FOUNDATION BLOCKS** provide an efficient, simple and cost effective method of foundation construction below dpc where faster building rates can be achieved with reduced labour and mortar costs compared with traditional foundation construction.

**STRANLITE FOUNDATION BLOCKS** have a single unit weight of well below 20kg and comply with The Construction (Design & Management) Regulations for single unit repetitive lifting.



*Lightweight*



*Fire Resistant*



*Loadbearing*



*Authority*



*Sulphate Resistant*



*Low Shrinkage*

## STRANLITE FOUNDATION BLOCK PACK SIZES

300mm x 275mm x 140mm  
72 blocks

300mm x 250mm x 140mm  
72 blocks\*

350mm x 250mm x 140mm  
48 blocks


*\*Pack size may vary between divisions*

# FOUNDATION BLOCKS

## LIGHTWEIGHT AGGREGATE BLOCKS


Type - 300mm x 250mm x 140mm

Number of blocks per m<sup>2</sup>

250mm	350mm wide	300mm wide	275mm wide	250mm wide
	25.6	25.6	-	21.5

Type - 300mm x 275mm x 140mm

Number of blocks per m<sup>2</sup>

275mm	350mm wide	300mm wide	275mm wide	250mm wide
	-	23.4	21.5	-



## PROPERTIES & PERFORMANCE

### MEAN COMPRESSIVE STRENGTH

7.3 N/mm<sup>2</sup>.  
10.4 N/mm<sup>2</sup>.

### DRY DENSITY

1400 Kg/m<sup>3</sup>.

### MOISTURE MOVEMENT

Not greater than 0.6 mm/m.  
Consult our technical department for further information.

### SULPHATE SOILS

Suitable for DS-1, DS-2 and DS-3 as per BRE Special Digest.

### FIRE RESISTANCE

Stranlite Foundation blocks are 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>.

### MORTAR DESIGNATIONS

Class (ii) for walls BELOW DPC by volume

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

