

# FOUNDATION BLOCKS®

LIGHTWEIGHT AGGREGATE BLOCKS

The **STRANLITE FOUNDATION BLOCK** is a lightweight aggregate loadbearing block suitable for use below dpc.

**FOUNDATION BLOCKS** are manufactured from selected aggregates including graded Furnace Bottom Ash and Pulverised Fuel Ash.

**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*

## APPLICATIONS

*BELOW DPC*



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## AUTHORITY


Stranlite Foundation Blocks are manufactured to comply with BS EN 771-3. Production facilities operate under Quality Management Standard BS EN ISO 9001 Certificate Number FM 10847. (BSI Registration).

## PROPERTIES AND PERFORMANCE


### Strength

 7.3 N/mm<sup>2</sup>.  
10.4 N/mm<sup>2</sup> available to order.


### Dry Density

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


### Moisture Movement

 0.30mm/m.


### Sulphate Resistance

 Class 1 - standard.  
Class 2 & 3 - made to order.

### Fire Resistance

 Stranlite Foundation Blocks are manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3.

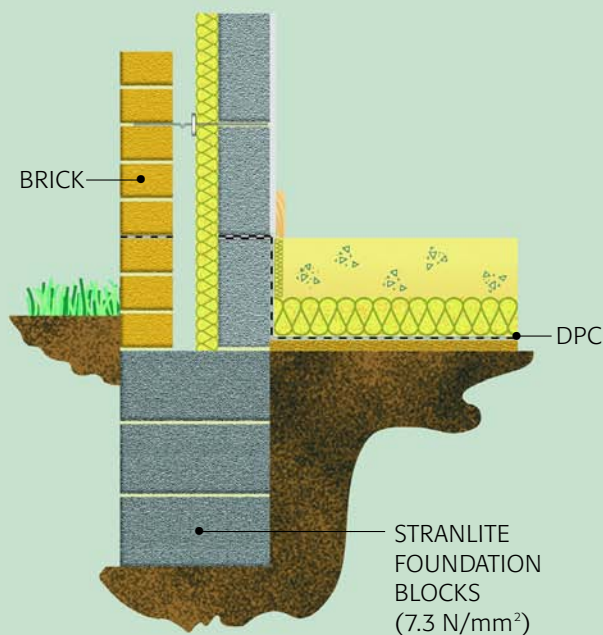
### Shear Bond Strength

 0.15 N/mm<sup>2</sup>.

## STRANLITE FOUNDATION BLOCKS PACK SIZES (Metric)



300mm x 275mm x 140mm 72 No.

300mm x 250mm x 140mm 90 No.



## SIZES

300mm x width x 140mm  
300mm x width x 140mm

Type	250mm	275mm
Foundation		

NOTE: Green shading denotes block weights of LESS THAN 20KG.