

PLASCON®

DENSE AGGREGATE BLOCKS

APPLICATIONS

EXTERNAL WALLS - outer & inner leaf
INTERNAL PARTITION WALLS
REINFORCED WALLS
PARTY/ FLANKING WALLS
COLUMN ENCASEMENT
WALLS BELOW DPC
SUSPENDED FLOORS - Beam & Block



AUTHORITY

Plascon 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

PLASCON is a dense aggregate general purpose concrete building block manufactured in solid units and in an extensive range of strengths. The high density and high strength of **PLASCON** provides high levels of durability and robustness, load bearing capacity and fixability and the sound insulation properties of **PLASCON** are impressive.

PLASCON is manufactured from crushed limestone aggregate, recycled aggregates and pulverised fuel ash. They are plain ended, light buff in colour and available in Open Texture and a paintgrade quality, Close Texture, which accepts direct painting for an attractive smooth and low maintenance finish.



Fire Resistant



Good Sound Insulation



Available as Paintgrade



Quality Assured



Low Shrinkage



Authority



Loadbearing





Excellent Fixability

PLASCON PACK SIZES

Size	DIVISION	
100mm	Eastern	6.4m ²
	Northern	7.2m ²
	Western	7.2m ²
140mm	All	4.8m ²

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

TYPE	100mm	140mm
Solid		
Strengths available	7.3 N 10.4 N	7.3 N 10.4 N



PROPERTIES & PERFORMANCE

 **MEAN COMPRESSIVE STRENGTH**
See size table above for strengths available.


 **DRY DENSITY**
1900 Kg/m³.


 **THERMAL VALUE** (at 3% moisture)
 $k = 1.13 \text{ W/m.K}$

 **MOISTURE MOVEMENT**
Not greater than 0.6 mm/m*.

 **SOUND INSULATION**
Plascon complies with Part E and Robust Details for floors and walls*.

 **FIRE RESISTANCE**
Plascon 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/mm².


 **FIXABILITY**
Plascon 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 : 1/2 : 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.