

PLASCON®

DENSE AGGREGATE BLOCKS

PLASCON is a dense aggregate general purpose concrete building block manufactured in solid, hollow and cellular 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. Sound insulation properties of **PLASCON**, particularly in multicore format, are impressive. Multicore blocks to 140mm comply with the 20kg single lift requirements of the Construction (Design and Management) Regulations.

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 paintgrade quality Close Texture which accepts direct painting for an attractive smooth and low maintenance finish.

APPLICATIONS

*EXTERNAL WALLS -
outer & inner leaf*

INTERNAL PARTITION WALLS

REINFORCED WALLS

PARTY WALLS

FLANKING WALLS

COLUMN ENCASEMENT

WALLS BELOW DPC

*SUSPENDED FLOORS -
Beam & Block*



Fire Resistant



Good Sound Insulation



Available as Paintgrade



Quality Assured



Authority



Low Shrinkage



Loadbearing



Excellent Fixability



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AUTHORITY

Plascon 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 and Environmental Management Standard BS EN ISO 14001 certificate number EMS 536819. (BSI Registration).


PLASCON PACK SIZES (Metric)

75 Solid	9.0m ²
90 Solid	10.4m ²
100 Solid	7.2m ² *
140 Solid	4.8m ²
190 Solid	3.6m ²
215 Solid	3.0m ²
100 Hollow	9.6m ²
140 Hollow	6.4m ²
190 Hollow	4.8m ²
215 Hollow	4.0m ²

*Pack size may vary between divisions

PROPERTIES AND PERFORMANCE


Mean Compressive Strength

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


Dry Density

 1950 Kg/m³


Thermal Properties

 k = 1.06W/m°C

Moisture Movement

 Not greater than 0.60mm/m.


Sound Insulation

 Plascon complies with Part E and Robust Details for floors and walls. Consult our Technical Department for further information.


Shear Bond Strength

 0.15 N/mm².


Fire Resistance

 Plascon blocks are manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3.


Fixability

 Plascon blocks accept direct nailing and are easy and speedy to drill and plug.

Mortar Designation

 Designation (iii) - 1:1:6 cement : lime : sand

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.



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						





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.

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		