

# 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 is 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


#### Mean Compressive Strength

 7.3 N/mm<sup>2</sup> and 10.4 N/mm<sup>2</sup>.  
Higher strengths available on request.

#### Dry Density

 1950 Kg/m<sup>3</sup>.


#### Thermal Properties

  $k = 1.06\text{W/m}^{\circ}\text{C}$ .


#### Moisture Movement

 0.40mm/m.

#### Sound Insulation

 Plascon blocks are Part E compliant. Consult our Technical Department for current sound performance data.


#### Fire Resistance

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

#### Shear Bond Strength

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

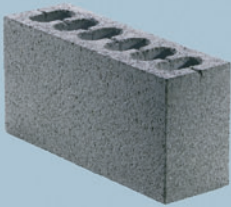
#### Fixability

 The relatively high density of dense aggregate blocks provides the best medium for all types of fixings.

#### PLASCON PACK SIZES (Metric)











90 Solid	10.4m <sup>2</sup>	190 Solid	3.6m <sup>2</sup>
100 Solid	7.2m <sup>2</sup> *	190 Hollow	4.8m <sup>2</sup>
100 Hollow	9.6m <sup>2</sup>	215 Solid	3.0m <sup>2</sup>
140 Solid	4.8m <sup>2</sup>	215 Hollow	4.0m <sup>2</sup>
140 Hollow	6.4m <sup>2</sup>		

\* Pack size may vary between divisions



#### 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		