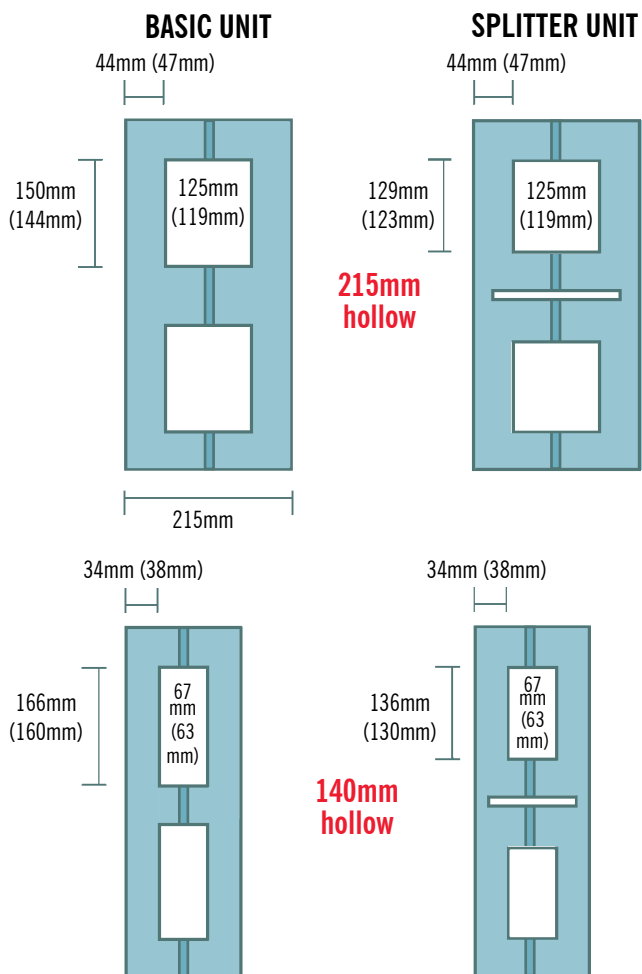
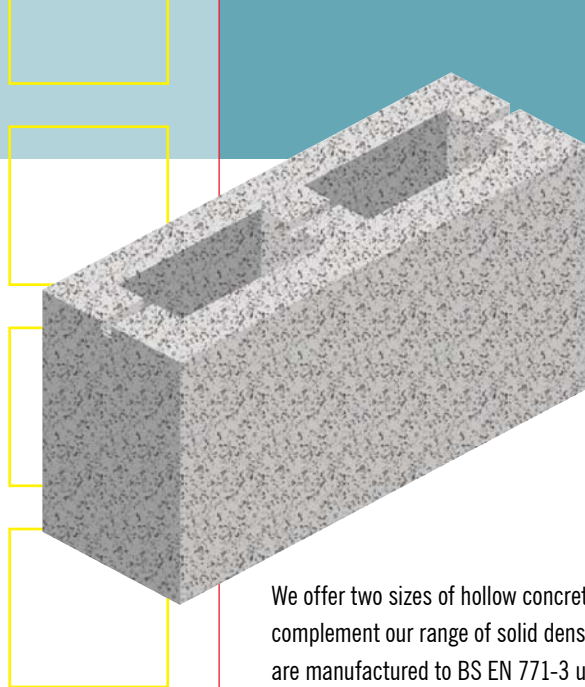


Hollow concrete blocks

7.3N/mm² to BS EN 771-3



(XXmm) =
approximate
dimensions at
base of hollow

We offer two sizes of hollow concrete block to complement our range of solid dense blocks. They are manufactured to BS EN 771-3 using Class 1 limestone aggregates.

The blocks are available in a standard face size of 440×215mm and in thicknesses of 140mm and 215mm in a standard finish (suitable for rendering). They are primarily used in locations that require construction using a reinforced concrete wall and in agricultural buildings.

Hollow size mm nominal	approx concrete density kg/m ³	gross density kg/m ³	approx weight kg	no. per tonne	multiples of	no. per pack	splitters
440×215×215	2000	1300	27•	36	10	60	1 in 5
440×140×215	2000	1300	18	56	16	96	1 in 16

1m³ of concrete will fill approx. 14m² of 215mm hollow blocks (laid 215mm wide) or approx. 22m² of 140mm hollow blocks (laid 140mm wide).

140mm hollows when filled with concrete (2400kg/m³) create a wall mass of 403kg/m² which gives a weighted sound insulation (R_w) of 49dB* while 215mm hollows when filled with concrete (2400kg/m³) create a wall mass of 518kg/m² which gives a weighted sound insulation (R_w) of 50dB*.

When filled with concrete (2400kg/m³) the thermal resistance** of 215mm wide hollow blocks is 0.143 m² K/W whereas for 140mm wide hollow blocks the value is 0.093 m² K/W.

* Calculated using mass law curve BS8233 (with two skins of dense plaster each 25kg/m²).

** 3% moisture content.

• Blocks in excess of 20kg – please use with caution after assessing the risks.

All products available ex works. Prices on application. Telephone the sales office for further information and a quotation.

STOWELL
CONCRETE LIMITED

02/16

www.stowellconcrete.co.uk