

BS EN 771 – 3: 2003

LUNACRETE – A general purpose dense aggregate block manufactured for use above and below ground level. Can be used for party walls as well as beam and block flooring and are available in varying strengths and dimensions. Extremely durable and have excellent local bearing and sound insulation properties. Open texture suitable for rendering and plastering.

DIMENSIONS(mm) – 440 x 215 x 100                      290 x 215 x 140 (All strengths) Manufactured to  
comply with the need for repetitive  
handling of 150 units of less than 20Kg.

140  
190  
215                      215x65x100mm spacer brick available for 7N/mm<sup>2</sup>  
440 x 280 x 100    blocks  
(Foundation block)

COMPRESSIVE STRENGTHS – Available in - 7.3 N/mm<sup>2</sup>

10.4 N/mm<sup>2</sup>

15 N/mm<sup>2</sup>

20 N/mm<sup>2</sup>

DENSITY – Approximately 2000Kg/m<sup>3</sup> (at 3% moisture content)

THERMAL CONDUCTIVITY – “k” protected 1.13 W/m•C. Exposed 1.24 W/m•C

THERMAL CAPACITY – Lunacrete has excellent thermal capacity owing to the blocks high density. Comfort standards will be better maintained and higher wall temperatures will help reduce the risk of condensation.

SOUND INSULATION – The high density of lunacrete dense concrete blocks gives excellent performance on party walls.

DRY SHRINKAGE – Shrinkage of all block is less than 0.06%

FIRE RESISTENCE – Materials used in all blocks are non combustible  
- 100mm block would give 2 hours

QUALITY CONTROL – Our blocks are tested and monitored every day

DELIVERY SERVICE – Blocks are normally delivered to site in banded packs on mechanical off loading vehicles. Packs can be shrink wrapped and/or palletised to help site movement after off loading.

PAINT GRADE – Available as 100mm and 140mm thick and 7.3N/mm<sup>2</sup> and 10.4N/mm<sup>2</sup> strength.  
(Consistent natural surface colour cannot be guaranteed) Samples on request

EFFLORESCENCE – Concrete products with high cement content may suffer from efflorescence. This is not detrimental to the performance of the product and no responsibility can be accepted for its occurrence.