

## ENGINEERING QUALITY CONCRETE BRICKS

PD Edenhall's engineering quality concrete bricks (EQs) are durable, high strength bricks, specially manufactured to cope with exposure to aggressive conditions.

Made from selected dense aggregates and sulphate resistant cement, the bricks, which exhibit low porosity and high dimensional accuracy, are completely frost resistant, and suitable for use below ground where natural sulphates, up to and including Class 3 levels, are present.

Solid EQs are manufactured and tested in accordance with the relevant sections of BS6073, and meet the criteria for strength, durability and sulphate resistance in BS5628 Pt 3:1985.

They are especially suitable for use in footings, foundations, chimney stacks, manholes, inspection chambers and other constructions involving domestic sewage.

FORM	Solid – no frogs or perforations
APPEARANCE	Tawny colour – close texture
SIZE	215mm x 65mm x 102.5mm (±2mm)
COMPOSITION	Dense Aggregate and Sulphate Resisting Portland Cement
DENSITY	Average 2300kg/m <sup>3</sup>
DRY WEIGHT	3.3kg approximately
STRENGTH	40N/mm <sup>2</sup> minimum average
WATER ABSORPTION	Less than 7% on average
DRYING SHRINKAGE	Less than 0.06%
EQUIVALENT PERFORMANCE	Apart from their visual differences, Engineering Quality Bricks can be compared with clay Class B Engineering Bricks
BUILT WALL WEIGHT	230kg/m <sup>2</sup> (Unplastered Single Leaf Wall)
PRESENTATION	Self-contained void or solid packs containing 320 or 448 No. bricks*
PACK WEIGHT	1050kg–1475kg approximately*
APPROX PACK DIMENSION	1.0m x 0.9m x 0.5m to 0.7m height*
APPROVALS	Engineering Quality Bricks comply in all respects to the standards required by the NHBC Highways Agency, Water Research Council and the Department Of Transport. A specific product leaflet outlining the properties and applications of Engineering Quality bricks, and the standards they achieve is available on request.

**NB**

**EQs are not suitable for use as a DPC and should not be used where industrial effluents or acids are present.**

\* As many of these products are made to order for specific markets, please obtain further details on specification details, product availability, pack sizes and weights from your local PD Edenhall Sales Office or alternatively call our Head Office on 01633 612671.



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