

# ENGINEERING BRICK

## PRODUCT INFORMATION

CAT 30/50 ENGINEERED BRICK WITH A SMOOTH FINISH

### STANDARD

#### PRODUCT DATA:

MANUFACTURED: TOOME

BRICK SIZE:	NO. PER PACK	WEIGHT PER PACK	PACK NO. PER LORRY	
			8 WHEELER	UNIT
<b>Cat 30 Engineered Brick</b>	512 no.	1.60 t	11	15
<b>Cat 50 Engineered Brick</b>	512 no.	1.60 t	11	15



**COLOURS:** ALL COLOURS MADE TO ORDER (minimum quantity required)



Silver Grey Smooth

#### TECHNICAL DATA:

Brick Type:	Engineering (cat 30)	Engineering (cat 50)
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#### STANDARDS & PERFORMANCE

<b>Compressive Strength:</b>	25-30 N/mm <sup>2</sup>	50-55 N/mm <sup>2</sup>
<b>Water Absorption:</b>	5-8%	4-6%
<b>Drying Shrinkage:</b>	After 24 hrs 0.03-0.04%	After 24 hrs 0.03-0.04%
<b>Density:</b>	2200 - 2300 kg/m <sup>3</sup>	2200 - 2350 kg/m <sup>3</sup>
<b>Cement Content:</b>	250 kg/m <sup>3</sup>	350 kg/m <sup>3</sup>
<b>Thermal Conductivity:</b>	1.2 w/m <sup>2</sup> k	1.2 w/m <sup>2</sup> k
<b>Weight per brick:</b>	3.2 Kg	3.2 Kg
<b>Cement Type:</b>	OPC	OPC

<b>Manufacture:</b>	Manufactured in accordance with BS EN 771-3: 2011
<b>Specification:</b>	Specified in accordance with BS EN 771-3: 2011
<b>Size:</b>	215 x 102 x 65mm which complies with BS EN 771-3: 2011

The above results have been independently tested by Queen's University Materials Testing Station. Copies of these reports can be obtained on request.

#### EFFLORESCENCE

The most common form of efflorescence on brick is a result of Soluble Salt, which is not present in this brick range.

NB. As these products contain cement they may suffer from the temporary phenomenon of efflorescence. This is in no way detrimental to their performance characteristics and is common in all good quality products with a high cement content. Time should be given for all products to weather in, when they will at this stage look their best.

#### FEATURES & BENEFITS:

- Can be used for building up manholes
- Can be used internally for generator rooms.
- Manufactured in a controlled environment.
- Very low occurrence of efflorescence.
- Dimensionally accurate.
- Low wastage levels.
- Frost resistant.

#### MANUFACTURE:

Our cat 30/50 engineered bricks are manufactured by using advanced manufacturing processes and natural materials.

**Note:** All products are manufactured from natural materials and although we strive to provide consistency of colour, variation may occur in the manufacturing process. It is for this reason that we recommend that products are selected from at least three bales, within each delivery. This will eliminate 'banding'.

UK site



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RoI site

