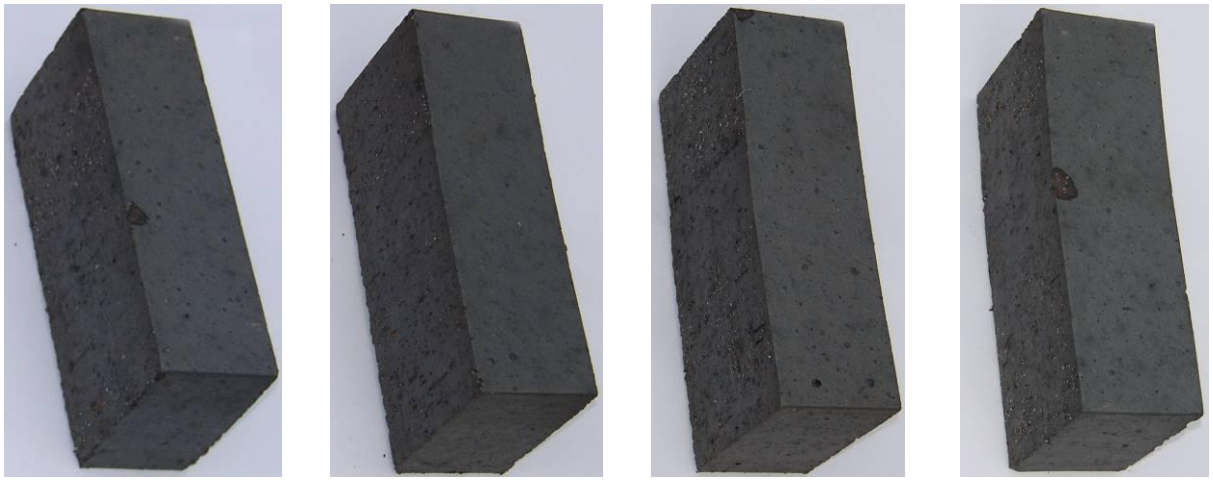
Ketley Brick 'Just Engineering' Classification and Quality Standard

Ketley Staffordshire Bricks are produced at our works located in the heart of the Black Country. Ketley Bricks have been made from our own Etruria Marl since Victorian times. Ketley Just Engineering Bricks conform to BS EN 771-1 standards. Their engineering properties conform to a "Class A" classification. They are available as either perforated or solid bricks.

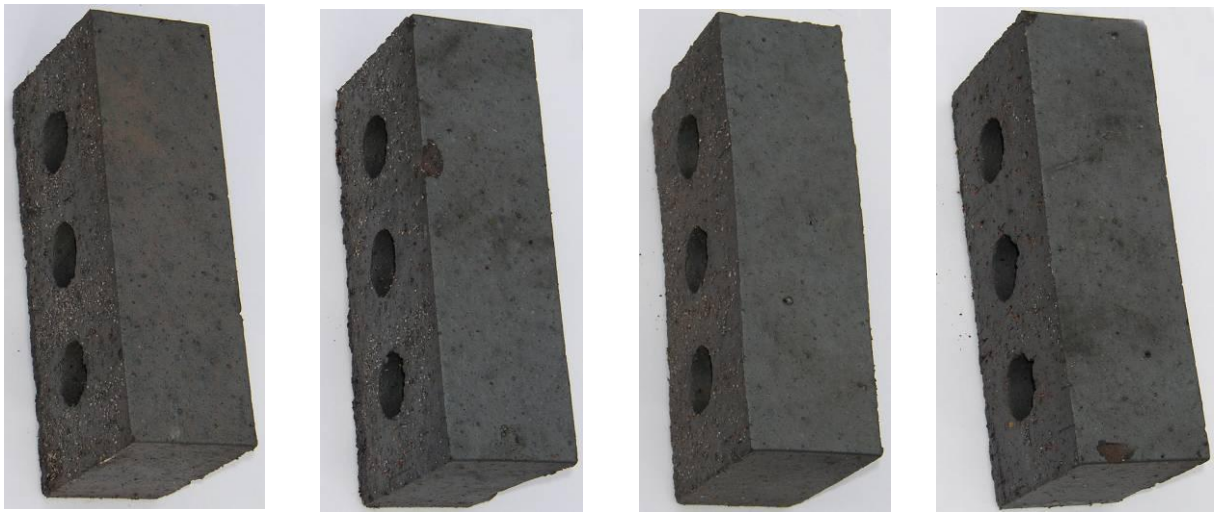
Appearance

Ketley Just Engineering bricks are predominantly Staffordshire Blue in colour but will show a greater colour variation than Ketley Staffordshire Blue Facing Bricks. Small chips may be found up to a limit of 20mm. Ketley Just Engineering Bricks are not sold as Facing quality, they are a grade below Facing quality; an example of a Ketley Just Engineering Brick is shown below. Not all Just Engineering Bricks will have chips or missing corners, some may be categorised as Just Engineering because they fall below Ketley Bricks exacting quality standards for Facing Bricks, for either colour or shape. Should you require a higher quality finish please order Ketley Facing quality Staffordshire Blue Bricks.

Examples of Solid Just Engineering



Examples of Perforated Just Engineering



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Specification

Type:	Engineering Brick Class A
Colour:	Predominantly Staffordshire Blue
Structure:	Solid or Perforated
Texture:	Smooth Engineering
Manufacture:	Extruded, wirecut
Perforation:	≤ 19% void mean
Dimensions:	215 x 102.5 x 65mm
Weight:	Perforated: 2.75kgs per brick, 2.75 Tonnes per 1,000. Solid: 3.3kgs per brick, 3.3 Tonnes per 1,000
No. per m2 (10mm joints):	60
Pack Size:	400
Packing:	Banded for fork lift off-loading.
Weight per pack:	Perforated 1080kg. Solid 1320kgs
Compressive strength:	Greater than or equal to 125N/mm²
Category:	II
Masonry Unit Group:	HD
Engineering Grade:	A
Water absorption:	≤4.5%
Initial Rate of Water absorption:	Less than or equal to 1.5Kg/m²/min
Thermal Conductivity:	On Application
Bond Strength:	0.15N/mm² (For general purpose and lightweight mortar)
Net Dry Density:	2200 Kg/m³(Typically)
Density Tolerance:	D1
Soluble salt content:	S2
Durability:	F2
Fire Reaction:	A1
Dimensional Tolerance Mean:	T2
Dimensional Tolerance Range:	R1

Applications

Suitable for applications where the technical properties of a Class A brick are required, but it is expressly stated that Just Engineerings bricks are not suitable for facing work, as they are downgraded for this reason.

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