Staffordshire Blue Brick Specification

Standard: BS EN 771-1: 2011

Ketley Staffordshire Blue 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. They are recognised as a Class A engineering brick of high quality with a strong aesthetic appeal.

Type:	Engineering Brick Class A Solid	Engineering Brick Class A Perforated
Colour:	Staffordshire Blue	Staffordshire Blue
Structure:	Solid	Perforated ≤ 25% void with a mean of 19%
Texture:	Smooth Engineering Facing	Smooth Engineering Facing
Manufacture:	Extruded, wirecut	Extruded, wirecut
Dimensions:	215 x 102.5 x 65mm	215 x 102.5 x 65mm
	215 x 102.5 x 73mm	215 x 102.5 x 73mm
	Complies with dimensions and tolerances of BS EN 771-1: 2011	Complies with dimensions and tolerances of BS EN 771-1: 2011
Weight 65mm:	3.3kgs per brick 3.3 Tonnes per 1,000	2.75kgs per brick 2.75 Tonnes per 1,000
Weight 73mm:	3.8kgs per brick 3.8 Tonnes per 1,000	3kgs per brick 3 Tonnes per 1,000
No. per m^2 65 mm (10mm joints):	60	60
No. per m^2 73 mm (10mm joints):	53	53
Pack Size:	400	400
Packing:	Banded for fork lift off-loading.	Banded for fork lift off-loading.
Weight per pack 65mm:	1320kg	1100kg
Weight per pack 73mm:	1520kg	1200kg
Special Bricks	A complete range of Special Shapes to BS 4729 2005 is available. We also undertake the manufacture of 'non-standard' specials to customers' specification as required.	A complete range of Special Shapes to BS 4729 2005 is available. We also undertake the manufacture of 'non-standard' specials to customers' specification as required. (Note: some specials are only manufactured solid).

Compressive strength:	≥125N/mm²	≥125N/mm²
Category:	II	II
Masonry Unit Group:	HD	HD
Engineering Grade:	A	A
Water absorption:	≤4.5%	≤4.5%
Initial Rate of Water absorption:	≤1.5Kg/m²/min	≤1.5Kg/m²/min
Thermal Conductivity:	On Application	On Application
Bond Strength:	0.15N/mm² (For general purpose and lightweight mortar)	0.15N/mm² (For general purpose and lightweight mortar)
Net Dry Density:	2200 Kg/m³(Typically)	2200 Kg/m³(Typically)
Density Tolerance:	D1	D1
Soluble salt content:	S2	S2
Durability:	F2	F2
Fire Reaction:	A1	A1
Dimensional Tolerance Mean:	T2	T2
Dimensional Tolerance Range:	R1	R1

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