



## Quarry Tiles



Staffordshire Red



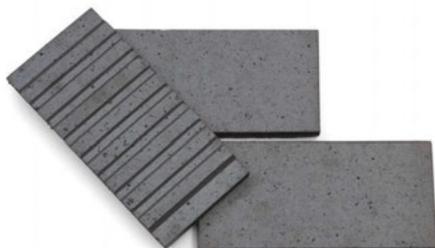
Staffordshire Light Multi



Staffordshire Dark Multi



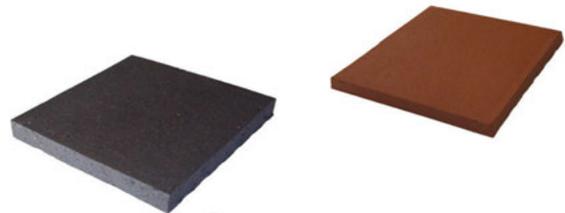
Staffordshire Brown Brindle



Staffordshire Blue

Ketley Quarry Tiles, sometimes known also as paving tiles, are available in a range of natural clay colours and offer similar performance to traditional quarry tiles. For restoration projects Ketley Quarry Tiles offer a very good match to the discontinued Hawkins and Dennis Ruabon Quarry tiles which can be found in many parts of the UK. They offer excellent slip resistance and suit most flooring and wall cladding applications indoors or externally, in commercial premises or the home.

18mm thick, they are manufactured from the proven Etruria Marl clay, which becomes dense when fired, and is hard wearing and resistant to acids, alkalis, oils, grease and fats. In pendulum tests where anything higher than 36 indicates low slip potential, they score a dry value average of 63 and a wet value average of 55 meaning they have excellent slip resistance in both wet and dry conditions. They can be classified as R11 and Category C which is the highest rating for slip resistance according to BS EN 14411.



All colours available in either square or rectangle



**Samples:** Illustrations in this publication are as accurate as the printing process will permit and will reflect lighting conditions at the time the photographs were taken. To appreciate fully the appearance of the bricks please request samples from our Sales office on **01384 78361** or **info@ketley-brick.co.uk**, these are freely available and will provide a better guide. All our products are made from naturally occurring materials and therefore a certain degree of colour variation is an inherent feature of the products.



## Technical Specifications for Quarry Tiles

**COLOURS:** Staffordshire Red / Staffordshire Light Multi / Staffordshire Dark Multi / Staffordshire Brown Brindle / Staffordshire Blue

**TEXTURE:** Smooth

**MANUFACTURE:** Extruded

**REVERSE KEY:** Ribbed key to a depth of 2.5mm

PROPERTIES	BS EN 14411 GROUP A1b REQUIREMENT	TYPICAL VALUES
<b>Dimensions and surface quality</b> Length x Width 215mm x 102.5mm Thickness 18mm Straightness of sides Rectangularity Surface flatness	Average tolerance $\pm 2\%$ to an individual maximum of $\pm 4\text{mm}$ Average tolerance is $\pm 10\%$ within $\pm 0.6\%$ within $\pm 1\%$ Centre curvature $\pm 1.5\%$ Edge curvature $\pm 1.5\%$ Warpage $\pm 1.5\%$	length 215mm +/- 2.5mm width 102.5mm +/- 1.5mm +/- 1mm tolerance 0.2% 0.2% Centre curvature +/- 1.5mm Edge curvature +/- 1mm Warpage +/- 1.5mm
<b>Physical properties</b> Water absorption Breaking strength Resistance to deep abrasion Frost resistance Slip resistance  Bond strength  Moisture expansion Reaction to fire	0.5 < 3% Min 1100N Max 275mm <sup>3</sup> Value to be stated Pendulum test results exceeding 36 indicate low slip potential Inclined platform in shod conditions  Inclined platform in wet barefoot conditions C2 Cementitious adhesives Reaction resin adhesives Mortar No requirement Value to be stated	1.50% 2995N 106mm <sup>3</sup> No damage after 100 cycles Dry value av of 63 Wet value av of 55 Category R11 which indicates that they are considered not to be slippery in wet or greasy conditions. Category C which is the highest rating for slip resistance. >1.0 N/mm <sup>2</sup> >2.0 N/mm <sup>2</sup> 0.15 N/mm <sup>2</sup> Negligible A1
<b>Chemical properties</b> Resistance to staining	Minimum requirement 3	Paste stain 5 Chemical/oxydising stain 4 Film stain 3



**KETLEY**

**BRICK**

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