

House of
**BRITISH
BRANDS**

by british ceramictile

2015

Conran and Partners is a collaborative design studio working across brand, product, interiors, architecture and licensing. Conran and Partners and British Ceramic Tile have worked together to create Trace, a collection of textured tiles inspired by the iterative forms of nature, available in a range of soft, contemporary colours, all of which are made in Britain.

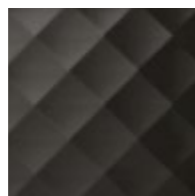
Trace is made up of three families – Fractal, Linea and Tactile. Each has their own unique style and structures within a refined and harmonised colour palette. Matching plain wall tiles are available enabling you to combine different textures to create decorative feature walls, panels and accents, whilst co-ordinating floor tiles complete the look.

TILES BY STUDIO
CONRAN

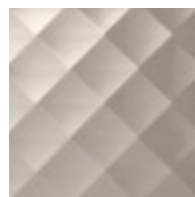
◆ FRACTAL RIDGE



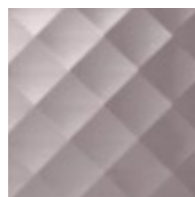
RAN00583
Ridge White Gloss
198x198mm **G** **C**



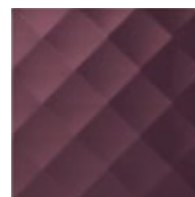
RAN00576
Ridge Black Gloss
198x198mm **G** **C**



RAN00613
Ridge Putty Gloss
198x198mm **G** **C**



RAN00590
Ridge Poise Gloss
198x198mm **G** **C**



RAN00606
Ridge Plum Gloss
198x198mm **G** **C**



RAN00835
Plain White Gloss
198x198mm **G** **C**



RAN00828
Plain Black Gloss
198x198mm **G** **C**



RAN00866
Plain Putty Gloss
198x198mm **G** **C**



RAN00842
Plain Poise Gloss
198x198mm **G** **C**



RAN00859
Plain Plum Gloss
198x198mm **G** **C**

SOFT
SCOOPS
AND
GENTLE
PEAKS

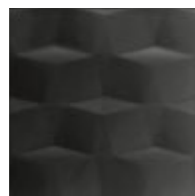


TILES BY STUDIO
CONRAN

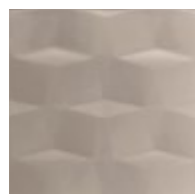
◆ FRACTAL FACET



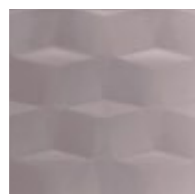
RAN00637
Facet White Gloss
198x198mm **G** **C**



RAN00620
Facet Black Gloss
198x198mm **G** **C**



RAN00668
Facet Putty Gloss
198x198mm **G** **C**



RAN00644
Facet Poise Gloss
198x198mm **G** **C**



RAN00651
Facet Plum Gloss
198x198mm **G** **C**



RAN00835
Plain White Gloss
198x198mm **G** **C**



RAN00828
Plain Black Gloss
198x198mm **G** **C**



RAN00866
Plain Putty Gloss
198x198mm **G** **C**



RAN00842
Plain Poise Gloss
198x198mm **G** **C**



RAN00859
Plain Plum Gloss
198x198mm **G** **C**



● LINEA FLOW



RAN00675
Flow Black
Matt
248x498mm
M C



RAN00682
Flow White
Matt
248x498mm
M C



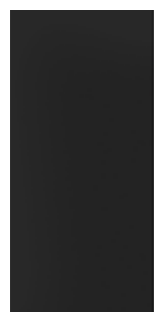
RAN00699
Flow Smoke
Matt
248x498mm
M C



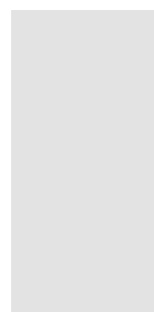
RAN00705
Flow Putty
Matt
248x498mm
M C



RAN00712
Flow Dusk
Matt
248x498mm
M C



RAN00873
Plain Black
Matt
248x498mm
M C



RAN00880
Plain White
Matt
248x498mm
M C



RAN00897
Plain Smoke
Matt
248x498mm
M C



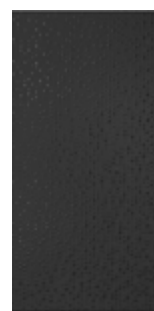
RAN00903
Plain Putty
Matt
248x498mm
M C



RAN00910
Plain Dusk
Matt
248x498mm
M C

ORGANIC LINEAR STRUCTURES

● LINEA
POINT



RAN00729
Point Decor
Black
248x498mm
M C



RAN00736
Point Decor
White
248x498mm
M C



RAN00743
Point Decor
Smoke
248x498mm
M C



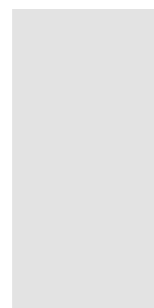
RAN00750
Point Decor
Putty
248x498mm
M C



RAN00767
Point Decor
Dusk
248x498mm
M C



RAN00873
Plain Black
Matt
248x498mm
M C



RAN00880
Plain White
Matt
248x498mm
M C



RAN00897
Plain Smoke
Matt
248x498mm
M C



RAN00903
Plain Putty
Matt
248x498mm
M C



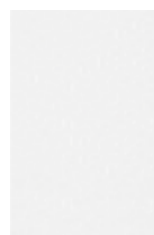
RAN00910
Plain Dusk
Matt
248x498mm
M C



IRREGULAR
GLOSS DOTS

TILES BY STUDIO
CONRAN

+ TACTILE HARTLAND



RAN00774
White Pressed
Mosaic
248x398mm*
G C



RAN00781
Black Pressed
Mosaic
248x398mm*
G C



RAN00798
Putty Pressed
Mosaic
248x398mm
G C



RAN00804
Poise Pressed
Mosaic
248x398mm
G C



RAN00811
Plum Pressed
Mosaic
248x398mm
G C



RAN01061
Plain White
Gloss
248x398mm
G C



RAN01078
Plain Black
Gloss
248x398mm
G C



RAN01085
Plain Putty
Gloss
248x398mm
G C



RAN01092
Plain Poise
Gloss
248x398mm
G C



RAN01108
Plain Plum
Gloss
248x398mm
G C

Key P Porcelain NS Natural Stone C Ceramic G Gloss M Matt

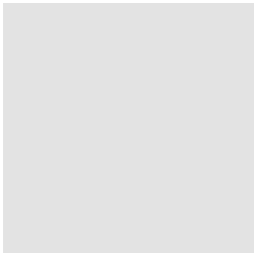


TILES BY STUDIO
CONRAN

* Although black and white form part of the Hartland range, they are not considered exclusive to the independent retailer.

TRACE

◆●+



RAN00934
Plain White Matt
331x331mm **M C**



RAN00927
Plain Black Matt
331x331mm **M C**



RAN00965
Plain Putty Matt
331x331mm **M C**



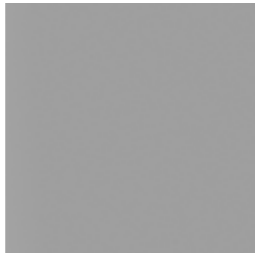
RAN00989
Plain Dusk Matt
331x331mm **M C**



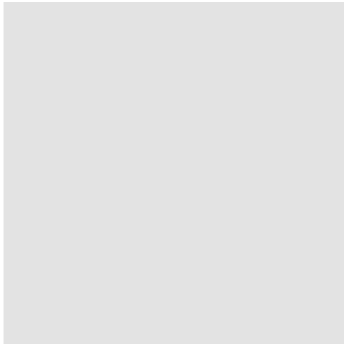
RAN00941
Plain Poise Matt
331x331mm **M C**



RAN00958
Plain Plum Matt
331x331mm **M C**



RAN00972
Plain Smoke Matt
331x331mm **M C**



RAN01009
Plain White Matt
498x498mm **M C**



RAN00996
Plain Black Matt
498x498mm **M C**



RAN01054
Plain Dusk Matt
498x498mm **M C**



RAN01016
Plain Poise Matt
498x498mm **M C**



RAN01023
Plain Plum Matt
498x498mm **M C**



RAN01047
Plain Smoke Matt
498x498mm **M C**



RAN01030
Plain Putty Matt
498x498mm **M C**



TILES BY STUDIO
CONRAN

LAURA ASHLEY

The Laura Ashley tile collection is the perfect finishing touch for any room in the home, and has been designed to complement a wide range of Laura Ashley furniture and accessories, as well as paints and wallpapers. With coordinating ranges of patterned features, plain tiles and decorative borders you will be sure to find a look that's right for you. From classic floral patterns and elegant damasks, to rustic high gloss tiles in a palette of soft, muted shades, the range epitomises the characteristic style and attention to detail that is synonymous with Laura Ashley.



Coastal

Bring the calming sense of the seaside into your home with these coastal-inspired tiles. The three plain tiles in subtle shades have a soft weathered look and are complemented by the pebble design of the Wallace décor.



LA51751
Wallace Décor Natural
148x498mm ©



LA51720
White Matt Wall and Floor
148x498mm ©



LA51737
Natural Wall and Floor
148x498mm ©



LA51744
Seaspray Wall and Floor
148x498mm ©

LAURA ASHLEY



Josette

The classic damask pattern of Josette expands across a two tile panel, perfect for creating an elegant feature wall. Available in White, Pale Linen, Dove Grey and Duck Egg colourways with plain tile options to coordinate.



LA51607
Dove Grey Décor-Part A
298x498mm ©



LA51690
White Décor-Part A
298x498mm ©



LA51614
Dove Grey Décor-Part B
298x498mm ©



LA51706
White Décor-Part B
298x498mm ©



LA51621
Dove Grey Wall and Floor
298x498mm ©



LA51713
White Wall and Floor
298x498mm ©



LA51669
Duck Egg Décor-Part A
298x498mm ©



LA51638
Pale Linen Décor-Part A
298x498mm ©



LA51676
Duck Egg Décor-Part B
298x498mm ©



LA51645
Pale Linen Décor-Part B
298x498mm ©



LA51683
Duck Egg Wall and Floor
298x498mm ©



LA51652
Pale Linen Wall and Floor
298x498mm ©

LAURA ASHLEY

Wood Effect

Wood effect tiles combine the beauty of wood with the practical benefits of ceramic tiles, as they are hard wearing, water resistant, easy to clean and perfect for use with underfloor heating.

Available in a choice of four wood styles, the plank format tiles can be used on floors and walls throughout the home.



LA51775
Limed Oak Wall and Floor
148x498mm ©



LA51874
Oak Wall and Floor
148x498mm ©



LA51782
Whitewash Wall and Floor
148x498mm ©



LA51768
Walnut Wall and Floor
148x498mm ©

T E D B A K E R
L O N D O N



R E S I D E N C E



House of
british ceramic tile



BCT43751 Brown ParqTile
148x148mm
Multi Use

ParqTile

Ted's branched out to create a range of parquet-effect tiles that can be used on walls or floors, inside or out. Available in traditional brown and contemporary grey, these tiles are finished with an authentic grain effect. Have it your own way by creating a pattern or patchwork effect, suited perfectly to your taste.



BCT43744 Grey ParqTile
148x148mm
Multi Use



GeoTile

Inspired by the Edwardian tiles that lead up the pathways of London's iconic townhouses, GeoTile threads a sleek tonal grey colourway with Ted's favourite geometric prints. Fancy flourishes that look stylish in any room, GeoTile can be used inside or out and come in a pack of 24 with two of each design.



Pack of 2 x 12 Design Multi GeoTile
BCT43706 148x148mm
Multi Use

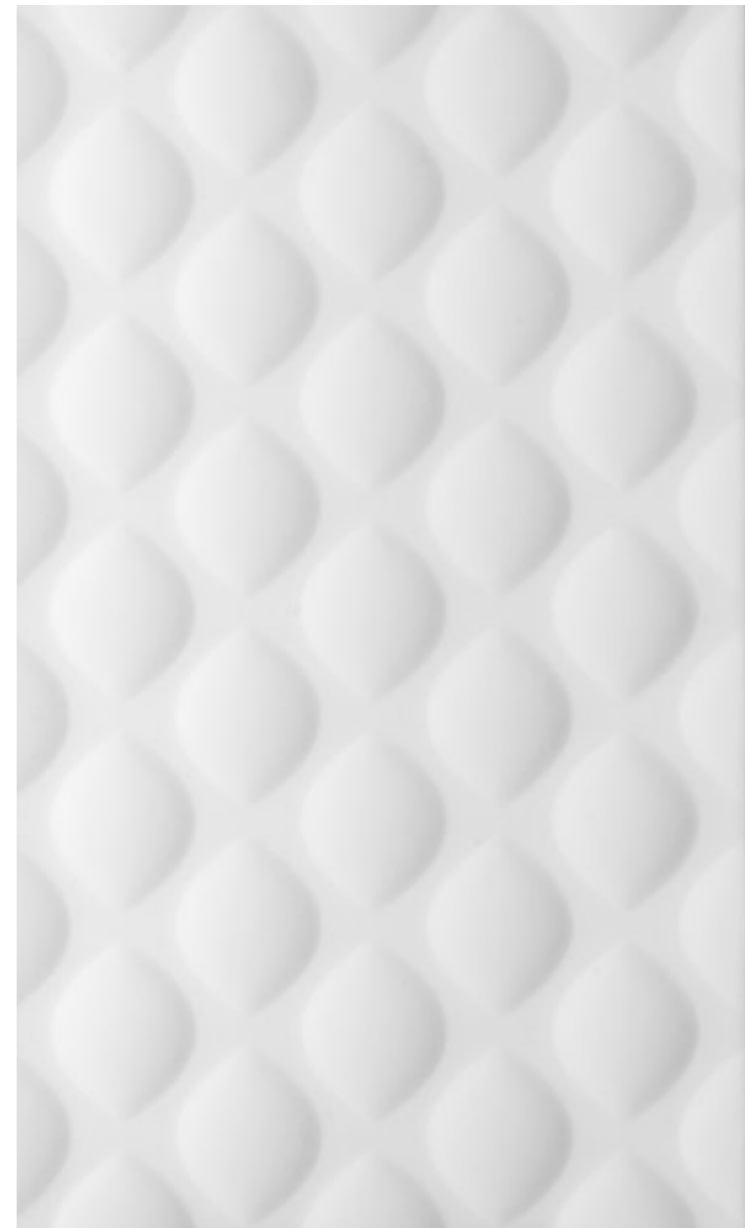


RESIDENCE

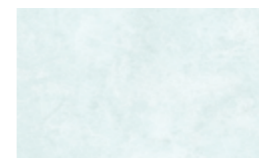


TacTile

Get a feel for Ted Baker with TacTile, a selection of textured tiles that brings a touch of style to the home. Inspired by some of Ted's finest threads, these 3D wall tiles come in matt white and tonal grey and coordinate perfectly with the VersaTile range - a match made in heaven.



BCT45786 298x498mm
White Tactile
Wall



BCT45793 Big White VersaTile
298x498mm
Multi Use



RESIDENCE



TacTile

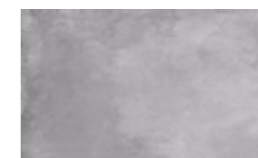
Get a feel for Ted Baker with TacTile, a selection of textured tiles that brings a touch of style to the home. Inspired by some of Ted's finest threads, these 3D wall tiles come in matt white and tonal grey and coordinate perfectly with the VersaTile range - a match made in heaven.



BCT45779 Grey Tactile
298x498mm
Wall



BCT45748 Big Light Grey
VersaTile
298x498mm
Multi Use



BCT45755 Big Mid Grey
VersaTile
298x498mm
Multi Use



BCT45762 Big Dark Grey
VersaTile
298x498mm
Multi Use



RESIDENCE



ArTile

Ted's best in glass, this selection of vintage-inspired tiles adds a refined finish to your home. Available in two sizes, they can be used alongside Ted's VersaTile, on their own as splashbacks in the kitchen or bathroom or as art in any room.



BCT45946 Cotton Black ArTile
600x750mm
BCT45960 Cotton Black ArTile
200x250mm



BCT45953 Cotton Nude ArTile
600x750mm
BCT45977 Cotton Nude ArTile
200x250mm



RESIDENCE

ArTile

Ted's best in glass, this selection of vintage-inspired tiles adds a refined finish to your home. Available in two sizes, they can be used alongside Ted's VersaTile, on their own as splashbacks in the kitchen or bathroom or as art in any room.



BCT43874 Shadow Floral ArTile
600x750mm
BCT45984 Shadow Floral ArTile
200x250mm



BCT43881 Distinguished Rose ArTile
600x750mm
BCT45991 Distinguished Rose ArTile
200x250mm



RESIDENCE



ArTile

Ted's best in glass, this selection of vintage-inspired tiles adds a refined finish to your home. Available in two sizes, they can be used alongside Ted's VersaTile, on their own as splashbacks in the kitchen or bathroom or as art in any room.



BCT46004 Vintage Rose ArTile
600x750mm



BCT46011 Vintage Rose ArTile
200x250mm



RESIDENCE

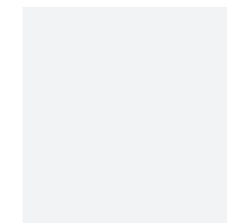


VersaTile

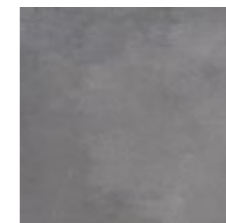
A range of no ordinary tiles, the VersaTile collection is functional, with a touch of flair. Simple yet stylish, they can be coordinated with almost all of Ted's tiles and come in three shades of grey specially chosen to make your house a home.



BCT43720 Small Light Grey VersaTile
148x148mm Multi Use



BCT43713 Small White VersaTile
148x148mm Multi Use



BCT43737 Small Dark Grey VersaTile
148x148mm Multi Use



RESIDENCE



VersaTile

A range of no ordinary tiles, the VersaTile collection is functional, with a touch of flair. Simple yet stylish, they can be coordinated with almost all of Ted's tiles and come in three shades of grey specially chosen to make your house a home.



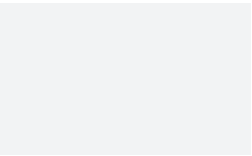
BCT45762 Big Dark Grey VersaTile
298x498mm Multi Use



BCT45748 Big Light Grey VersaTile
298x498mm
Multi Use



BCT45755 Big Mid Grey VersaTile
298x498mm
Multi Use



BCT45793 Big White VersaTile
298x498mm
Multi Use

The Victoria and Albert Museum is the world's leading museum of art and design. The V&A's collections are as stunning as they are varied, with over two million objects and designs providing almost infinite sources of inspiration from many centuries and countries.

The Ceramics gallery includes some of the finest examples of European tiles from the medieval period to the present day. In particular, there is a strong collection of Arts and Crafts designs by well-known leaders of the Movement: William Morris, William De Morgan and Lewis F. Day; whose designs have inspired decorative elements in this collection.

Another source of inspiration for this tile collection is the Jameel Gallery of Islamic Art, which contains a wealth of items from the Middle East and North Africa, ranging from the 7th to the early 20th century. The collections include Iznik ceramics from Ottoman Turkey and tilework from the 14th century. Their intricate patterns and rich colours have inspired the tiles on pages 16 to 23 of this brochure.

Inspired Collection

One of the founding principles of the V&A is to influence and inspire manufacturers and designers through its collections. The application of this philosophy has allowed this tile collection to adopt a far more original form. As a result, this range takes the famous tile designs of the late 19th and early 20th centuries and presents them to suit 21st century tastes, introducing fine, classic designs into neutral settings with elegant and distinctive results.

Hand-Crafted Original

At the heart of this collection is exceptional craftsmanship and an attention to detail, in common with the Arts and Crafts designers. All the tiles use a premium quality biscuit and whether they are hand printed, painted or dipped, care is taken at each stage to recreate the beauty of the original designs. Made from pale, fine clay, the thick biscuit has gently chamfered edges, and a rich coating of glaze affords the tile its high gloss and mirror smooth surface.





V&A

White



VA1001
White Wall
152x152mm **G C**



VA2001
White Wall
152x76mm **G C**



VA4001
White Egg & Dart Wall
152x63mm **G C**



VA3001
White Albion
150x38mm **G C**



VA7001
White Dot Wall
152x12mm **G C**



VA8001
White Bevel
150x20mm **G C**



VA5001
White Etruria Wall
150x75mm **G C**

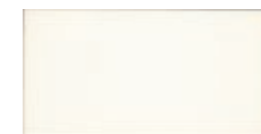


VA6001
White Serpentine
150x25mm **G C**

Cream



VA1002
Cream Wall
152x152mm **G C**



VA2002
Cream Wall
152x76mm **G C**



VA4002
Cream Egg & Dart Wall
152x63mm **G C**



VA3002
Cream Albion
150x38mm **G C**



VA7002
Cream Dot Wall
152x12mm **G C**



VA8002
Cream Bevel
150x20mm **G C**



VA5002
Cream Etruria Wall
150x75mm **G C**



VA6002
Cream Serpentine
150x25mm **G C**

Cobalt



VA1003
Cobalt Wall
152x152mm **G C**



VA03155
Cobalt Field
152x76mm **G C**



VA4003
Cobalt Egg & Dart Wall
152x63mm **G C**



VA3003
Cobalt Albion
150x38mm **G C**



VA7003
Cobalt Dot Wall
152x12mm **G C**



VA8003
Cobalt Bevel
150x20mm **G C**



VA5003
Cobalt Etruria
150x75mm **G C**



VA6003
Cobalt Serpentine
150x25mm **G C**

Black



VA1004
Black Wall
152x152mm **G C**



VA03148
Black Field
152x76mm **G C**



VA4004
Black Egg & Dart Wall
152x63mm **G C**



VA3004
Black Albion
150x38mm **G C**



VA7004
Black Dot Wall
152x12mm **G C**



VA8004
Cobalt Black
150x20mm **G C**





VA5004
Black Etruria
150x75mm **G C**





VA6004
Black Serpentine
150x25mm **G C**

basics





VA03216
Turquoise
198x198mm  





VA03247
Indigo
198x198mm  





VA03254
Ottoman Blue
152x152mm  





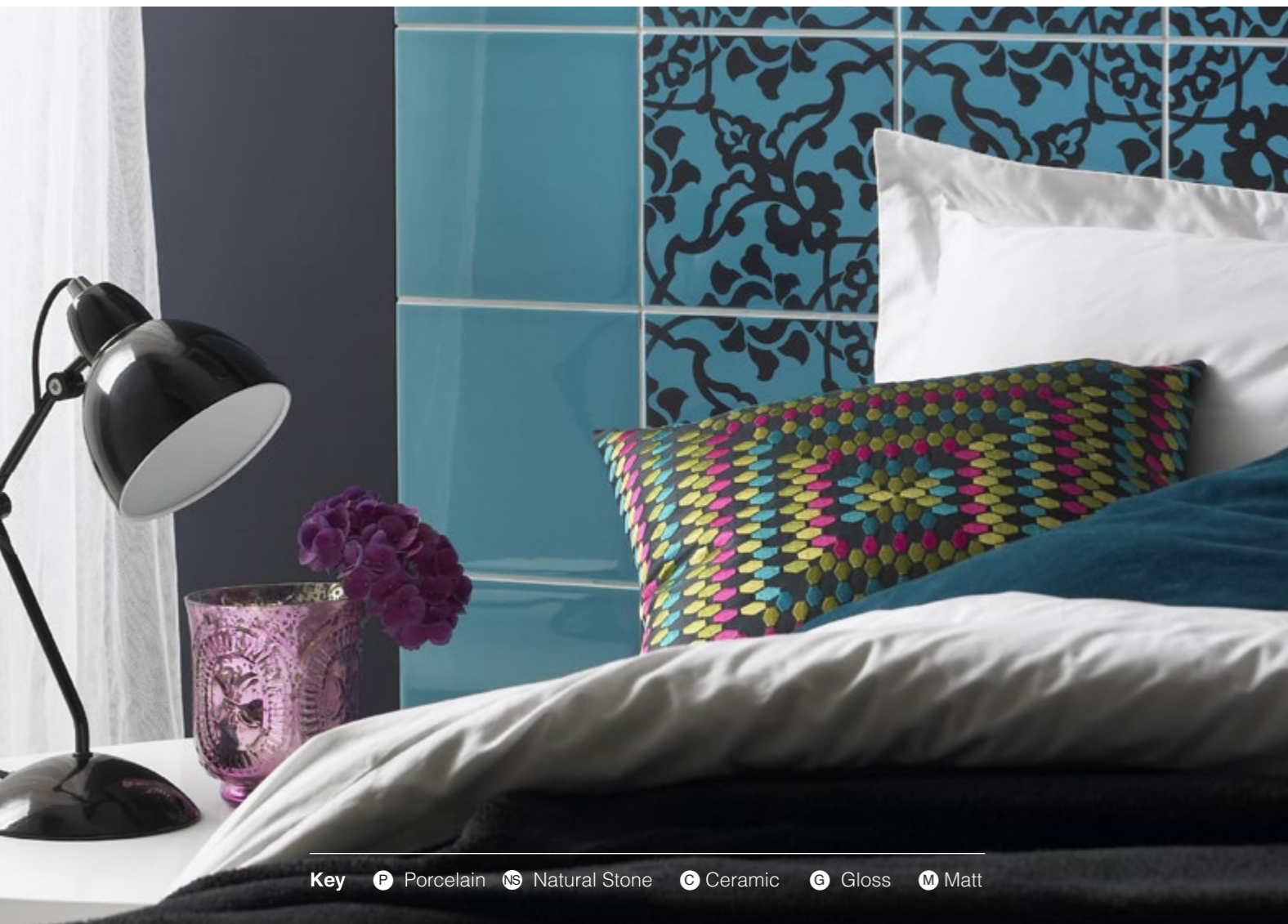
VA03261
Ottoman Teal
152x152mm  



VA03179
Burgundy Field
152x152mm  



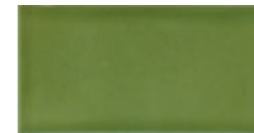
VA03162
Burgundy Field
152x76mm  



puddle glazes



VA2007
Puddle Glaze Honey
152x76mm  





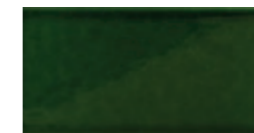
VA2006
Puddle Glaze Olive
152x76mm  





VA03186
Puddle Glaze Brown
152x76mm  

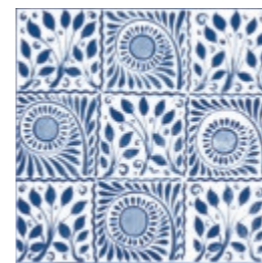


VA2005
Puddle Glaze Peacock
152x76mm  



VA03193
Puddle Glaze Racing Green
152x76mm  

9 square



VA90101P
Cobalt 9 Square Wall
152x152mm **G** **C**



VA90101T
White 9 Square Wall
152x152mm **G** **C**

morgan



VA90112
Morgan Decor
152x152mm **C**

clematis



VA901036
Clematis Decor
152x152mm **G** **C**







VA901033
Clematis Decor
152x76mm **G** **C**



two tile decors





VA90113
Berries Two Tile
Decor
152x152mm  

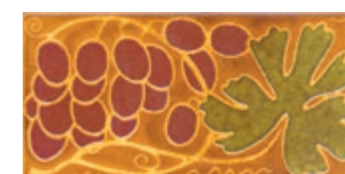
VA90111
Pomegranate Two
Tile Decor
152x152mm  



carnation



VA90118
Carnation Decor
152x152mm  

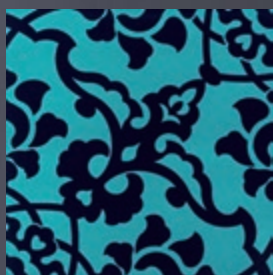
grape



VA90105
Grapes Decor
152x76mm  

V&A

santiago



VA03209
Santiago Décor
198x198mm © ©

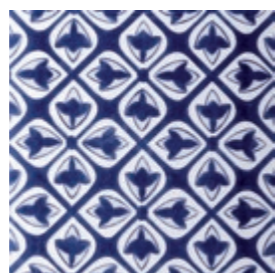




galicia and temara



VA03223
Galicia Décor
198x198mm **G** **C**



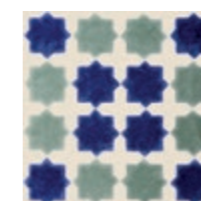
VA03230
Temara Décor
198x198mm **G** **C**



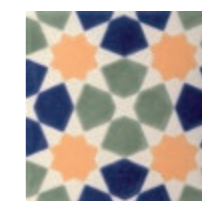
omar and mina



VA03902
Omar Floor Tile Multicolour
331x331mm
PEI 3 **G** **C**



VA03865
Mina Décor
Blue/Green
152x152mm
G **C**



VA03872
Omar Décor
Multicolour
152x152mm
G **C**

technical information

Technically Perfect

At British Ceramic Tile we strive to be faultless in our approach to meeting the strictest of technical standards. We produce in excess of 20,000m² of tiles every day and we do so within internationally recognised standards. This is a difficult technical challenge yet we do not compromise on any of these standards.

It is only by manufacturing in such volume, with such consistent technical precision, that we can be sure that we are able to pass on the benefits of our modern manufacturing capability downstream to our specifiers and end users in the form of better value for money in our product.

BS EN14411

As with most construction products, the main technical characteristics of ceramic tiles are classified by international standards. For ceramic tiles, the relevant harmonised European standard is BS EN 14411. This standard encompasses the BS EN ISO 10545 suite of ceramic tile test methods.

Within EN 14411, ceramic tiles are classified into various groups to reflect the range of production processes and product characteristics. The products manufactured in our factory in Devon are classified as group BIII and are covered by Annex L of the standard. We manufacture to strict levels of quality control throughout the entire production process to ensure all products meet or exceed these requirements. We periodically have the tiles independently assessed by an accredited ceramic test laboratory (CERAM).

CE Marking and Product Directives

The CE mark is a mandatory conformity mark for many products within the European Economic Area (EEA). By affixing the CE mark, the manufacturer asserts that the item meets all the essential requirements of all applicable harmonised European standards as set out in the relevant European Product Directives. For ceramic tiles, the requirements for CE marking are contained within Annex ZA of EN 14411. This standard meets the requirements of the Mandates M/119 (Floorings) and M/121 (Internal and external wall and ceiling finishes) given under the EU Construction Products Directive (89/106/EEC). Further information may be found at www.britishceramictile.com/technical

Slip Resistance

There is a duty of care upon stakeholders involved in specifying flooring products (manufacturers, architects, distributors, installers etc.) to ensure that the surfaces are fit for purpose and do not pose a safety risk. One of the key considerations is defining its slip resistance. The latest version of EN14411 does not define a single test protocol for assessing slip resistance. Instead several tests have been deemed to be acceptable and it has been left to individual EU member states to determine their favoured test. For the UK, the only slip test recognised by the Health and Safety Laboratory is the pendulum test. Other slip tests e.g. DIN 51130 Ramp or Tortus are not recognised.

For ceramic tiles, the use of the pendulum is covered by BS 7976-2. The test is designed to simulate the action of a slipping foot and uses a weighted swinging arm which contacts the test surface via a standard rubber heel (slider). The slip resistance is calculated by measuring the upswing - the greater the upswing, the lower the slip resistance.

Further details on measuring slip resistance can be found in the following link www.hse.gov.uk/pubns/web/slips01.pdf

The HSE has also developed a freely downloadable software package (Slip Assessment Tool – SAT) that allows users to assess the slip potential of pedestrian walkway surfaces using surface microroughness data and other relevant information. The SAT software can be downloaded free from the following link.

www.hsesat.info

Abrasion Resistance of Glazed Floor Tiles (PEI)

All floor coverings are exposed to wear due to the abrasive action of dirt particles contained on the soles of the user's footwear. Over prolonged periods this causes the appearance of the tile to change. As applied to glazed ceramic floor tiles, surface abrasion is assessed by BS EN ISO 10545-7.

This test is a compulsory requirement for glazed ceramic tiles intended to be used in flooring applications. This test involves subjecting the glazed tile to an abrasive load and establishing the number of revolutions required to cause visible damage to the glazed surface. The test results are classified into one of six wear resistance groups ranging from class 0 (unsuitable for floors) to class 5 (suitable for intensive pedestrian traffic). The test and the associated scale were originally developed by the Porcelain Enamel Institute (PEI) and hence the term PEI is frequently encountered in this field. Annex N of EN14411 provides informative guidance on suitable end uses for each wear class. To avoid the risk of premature wear, tiles with a wear resistance classification that meets (or exceeds) that required for the particular application should be used.

Class 0 Not recommended for use on floors.

Class 1 Very light traffic. Soft soled footwear or bare feet without direct access from outside (ensuite bathrooms).

Class 2	Light traffic. Soft soled or normal footwear with very occasional exposure to scratching dirt (living rooms, main bathroom areas, bedrooms).
Class 3	Light to Moderate Traffic. Normal footwear in the presence of small amounts of scratching dirt (any residential area with the possible exception of some entries and kitchens if extremely heavy or abrasive traffic is anticipated).
Class 4	Moderate to Heavy Traffic with some scratching dirt (entrances, commercial kitchens, hotels, exhibitions).
Class 5	Heavy traffic over sustained periods with some scratching dirt (shopping centres, airport concourses, hotel foyers).

BS EN ISO 10545-7 and the associated scale are only applicable to glazed tiles. Unglazed floor tiles, e.g. through body porcelain are subjected to a different wear test, namely BS EN10545-6 which measures resistance to deep abrasion.

Tile Fixing Recommendation

The fixing of tiles to walls and floors is governed by several British Standards, notably the BS 5385 series and BS 8000-11. A list of the individual standards is given here:

Fixing standards

BS 5385-1:2009 Wall and floor tiling. Design and installation of ceramic, natural stone and mosaic wall tiling in normal internal conditions. Code of practice

BS 5385-2:2006 Wall and floor tiling. Design and installation of external ceramic and mosaic wall tiling in normal conditions. Code of practice

BS 5385-3:2007 Wall and floor tiling. Design and installation of internal and external ceramic floor tiles and mosaics in normal conditions. Code of practice

BS 5385-4:2009 Wall and floor tiling. Design and installation of ceramic and mosaic tiling in special conditions. Code of practice

BS 5385-5:2009 Wall and floor tiling. Design and installation of terrazzo, natural stone and agglomerated stone tile and slab flooring. Code of practice

BS 8000-11.1:1989 Workmanship on building sites. Code of practice for wall and floor tiling. Ceramic tiles, terrazzo tiles and mosaics

BS 8000-11.2:1990 Workmanship on building sites. Code of practice for wall and floor tiling. Natural stone tiles

A list of standards relating to adhesives and grout is listed here:

BS EN 12004:2007 Adhesives for tiles – Requirements, evaluation of conformity, classification and designation

BS EN 13888:2009 Grout for tiles — Requirements, evaluation of conformity, classification and designation

The nature of the background should always be a primary consideration, since it determines the type of adhesive to be used and whether any intermediate substrate or other preparatory treatment is required before tiling can commence. Factors relating to the background to be considered are numerous and include the type of material, condition, straightness, porosity, presence of soluble salts etc. Early consideration should also be given to the provision of movement joints in order to allow stresses that result from movement of the background, e.g. drying shrinkage, thermal changes and moisture changes to be dissipated.

We also recommend that tiles are separated with minimum tile joints of 2mm for wall tiles and 3mm for floor tiles.

Ceramic tiles can be fixed using cementitious, dispersion or reaction resin adhesives that are suitable for the required application and the type of tile type to be fixed (BIII, BIa etc.). The fixing method to be used varies depending on the type of background, the nature of the adhesive and the anticipated service conditions of the installation. Therefore, the recommendations of the relevant British Standard and the specific instructions of the adhesive manufacturers should be followed. The performance requirements of adhesives are specified in BS EN 12004:2007.

The performance requirements of grouts are specified in BS EN 13888:2009. It should be noted that some coloured grouts can cause staining on certain glazed tiles. Following the recommendations given in BS 5385, we recommend that when using coloured grouts, a loose sample should first be tested to ensure the tile does not absorb pigment into its surface.

Cleaning & Maintenance

With proper care and attention, a correctly installed, good quality ceramic tile should give many years of trouble-free service.

The Tile Association “Cleaning & Maintenance of Ceramic Tiles” publication recommends:

Hard water deposits, soap, scum and body oils build up and, therefore thorough and frequent cleaning is essential.

The best way to prevent build up of soap, scum and body oil deposits is to use a plastic scouring pad with the appropriate cleaner when cleaning. Acidic based proprietary cleaning materials should not be used with ceramics, porcelain or natural stone.

Wet rooms with inadequate ventilation to remove excess moisture may have fungal growth on the tiles or grout. This can be controlled by wiping with a dilute solution of bleach and leaving it for five minutes before cleaning off. If the fungal growth is not completely removed the bleach may be re-applied and scrubbed with a brush to loosen. The surface should always be rinsed thoroughly with clean water. Bleach should always be used with caution and never mixed with other chemicals. Adequate ventilation should be provided when using these materials.

DDA Requirements

When specifying ceramic wall and floor tiles, the main consideration relating to the Disability Discrimination Act 2005 is colour contrast. Having visual contrast between adjacent elements of a building (e.g. doors, walls, stair edging) allows partially sighted people to differentiate between these elements.

Compliance with this Act can be achieved by following the guidance in either the Building Regulations 2004 Part M or BS 8300.

Both of these documents refer to Light Reflectance Values (LRV) to denote colour contrast. LRV is a measure of the total quantity of visible light reflected by a surface. It is measured on a scale of 0 to 100, with 0 being a perfect absorbing black and 100 being a perfect reflecting white.

In practice a typical black matt tile would have a score of around 5, while a pure white gloss tile would typically score around 90. All other tile colours fit in between these two extremes. The larger the difference between the LRVs of adjacent surfaces the greater the visual contrast is and the easier it is for someone with impaired vision to perceive the difference.

In order to ensure buildings meet the DDA requirements, Part M: 2004 requires an LRV difference between adjacent surfaces of at least

General technical wall tile

Dry Pressed Tiles, Group BIII, E>10%

Dimensional properties

	TEST NORM	NORM STANDARD VALUE	BRITISH CERAMIC TILE VALUE
Length and Width	EN ISO 10545-2	+/- 0.5%	Complies with standard
Thickness	EN ISO 10545-2	+/- 10%	Complies with standard
Side Straightness	EN ISO 10545-2	+/- 0.3%	Complies with standard
Rectangularity	EN ISO 10545-2	+/- 0.5%	Complies with standard
Surface Flatness	EN ISO 10545-2	Centre & Edge + 0.5%, -0.3% Warpage +/- 0.5%	Complies with standard

Physical properties

	TEST NORM	NORM STANDARD VALUE	BRITISH CERAMIC TILE VALUE
Slip Resistance	BS7976	Not applicable	-
Breakage Charge	EN ISO 10545-2	Thickness ≥ 7.5mm, 600 Thickness <7.5mm, >200	Complies with standard
Modulus of Rupture	EN ISO 10545-4	Thickness ≥ 7.5mm, 12N/mm2 Thickness <7.5mm, 15N/mm2	Complies with standard
Water Absorption	EN ISO 10545-3	>10%	Complies with standard
Resistance to Abrasion	EN ISO 10545-7	Not applicable	-
Resistance to Thermal Shock	EN ISO 10545-9	Manufacturer's Declaration	Resists
Crazing Resistance	EN ISO 10545-11	Required	Resists
Frost Resistance	EN ISO 10545-12	Not applicable	-

Chemical properties

	TEST NORM	NORM STANDARD VALUE	BRITISH CERAMIC TILE VALUE
Resistance to Acids	EN ISO 10545-13	Manufacturer's Declaration	Complies with standard
Resistance to Household Cleaning Products	EN ISO 10545-13	Minimum Class GB	Complies with standard
Resistance to Staining	EN ISO 10545-14	Minimum Class 3	Complies with standard
Release of Lead and Cadmium	EN ISO 10545-15 <small>S12006 No.1179:The Ceramic Articles In Contact With Food (England) Regulations 2006</small>	Manufacturer's Declaration	Complies with standard

30 points. The latest BS 8300 guidance (incorporating Amendment 1 June 2005) states that there is research-based evidence that a difference of about 20 points may be an acceptable minimum for large areas. For wall and floors tiles, we recommend an LRV difference of 20 points (minimum) and where possible at least 30 points.

Shading

Tiles from British Ceramic Tile are manufactured to the highest British and European standards. During the manufacturing of ALL ceramic tiles, some variations in shade and pattern can occur, however we are confident that the tone will be consistent. We recommend that sufficient tiles are purchased at one time to complete the jobs. Do not fix tiles if you cannot obtain an acceptable blend for any reason.

Modular Metric

Our tiles are modular metric. This means that the tile Size (mm)s have been designed to accommodate the grout gap in the module Size (mm). This makes it easy to calculate the area that will be covered by the tiles after they have been fixed. Following the recommendations given in BS 5385, our wall and floor tiles have been designed for 2mm and 3mm grout joints respectively. As an example, our equivalent of a 20 x 25cm wall tile actually measures 198 x 248 mm and one box of twenty tiles will produce 1 m² of tiled wall when fixed using 2mm spacers.

General

The product images shown in this catalogue are as accurate as the limitations of the printing process will allow. Please refer to actual product samples before purchasing.

Every effort has been made to ensure the accuracy of the information given in this literature. In the interests of progress, however, British Ceramic Tile reserves the right to change specifications and availability without prior notice.



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