Select Collection
Ceramic and Porcelain
Wall and Floor Tiles
With over 100 years’ experience, Johnson Tiles has a long history of market leadership. With a dedicated in-house design team and UK based production facility, Johnson Tiles continues to deliver distinctive new products for both the wall and floor, servicing contract and retail markets globally. All of which is underpinned by their award winning quality and environmental system.

Our facts...
- Manufacturing tiles in Stoke on Trent since 1901.
- The largest manufacturer and importer of ceramic and porcelain tiles in the UK.
- Manufacture circa 5.5 million square metres per annum.
- Source and import circa 3 million square metres per annum.
- In-house design and development team.
- Award winning environmental systems.
- Product portfolio covering all sectors and price points.
To learn more about us, go to www.johnson-tiles.com/about

Our environment...
- At Johnson Tiles we have a fully integrated approach with pioneering environmental initiatives.
- Every aspect of our business, from water and lighting to heat and even pallets and packaging, is subject to this strict environmental policy.
- Our suppliers are also included within the policy, and must demonstrate their own sound environmental practices, in order to secure our business.
- All ceramic tiles, manufactured by Johnson Tiles at our Stoke on Trent factory, now contain up to 12% recycled ceramic material from our fired ceramic waste recycling scheme.
To view our full policy, go to www.johnson-tiles.com/about/environment

Our support...
- Sample delivery within 24 hours.
- Continuing professional development (CPD) presentations.
- NBS specification service.
- Cleaning and maintenance guidelines.
- HSE slip resistant guidelines.
- Bill of quantity service installation advice.
- COSHH and data sheets.
- A dedicated helpline for technical enquiries - 01782 524111.
To view our full support area, go to www.johnson-tiles.com/technical-support-area

Select Collection, a design-led collection of wall and floor tiles. Perfect for both modern and traditional interiors, it offers both small and large format tiles, a wide palette of colours, textures and co-ordinating decorations. The Select Collection comes in a choice of high quality ceramic or porcelain. The full range is available from stock.

Alternative Collections...
If you could not find exactly what you were looking for in this collection, why not take a look at the Intro Collection, this is a collection of high quality wall and floor tiles offering a stylish yet affordable product range covering both contemporary and traditional design styles.
Or alternatively we have the Absolute Collection, this is a leading edge collection of contemporary tiles for both the wall and floor. Explore texture, colour and scale in both ceramic and high performance porcelain.
Select Collection, a design-led collection of wall and floor tiles - available ranges...

To learn more about these or any of our other ranges, simply go to - www.johnson-tiles.com
**Arctic White** is available in four sizes, perfectly designed for seamless installation.

### Size

- 400 x 300mm
- 300 x 150mm

### Thickness

All 600 x 300mm tiles in this range are 11mm thick; all other tiles in this range are 10mm thick.

### Five finishes combine form and function.

Examples below are not to scale but have been enlarged to show detail.

- **Gloss**
- **Satin**
- **Gloss Groove**
- **Gloss Dimensions**
- **Satin Dimensions**

### Availability

- **600 x 300mm**
  - ATIC1A White Gloss
  - ELMG12 White Satin
  - GRO1A White Gloss Groove

- **400 x 300mm**
  - ATIC1A White Gloss
  - TND1A White Gloss
  - TND12A White Satin
  - GRO1A White Gloss Groove
  - DMNS1A White Gloss Dimensions
  - DMNS2A White Satin Dimensions

- **400 x 150mm**
  - TNS1A White Satin

- **300 x 100mm**
  - ATIC2A White Gloss
  - CHS12A White Satin
Chroma is available in one bold and impactful size.

**Size**

300 x 100mm

**Thickness**

All tiles in this range are 10mm thick.

**Availability - 300 x 100mm**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATIC2A</td>
<td>Arctic Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG01A</td>
<td>Saffron Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG03A</td>
<td>Sunset Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG04A</td>
<td>Poppy Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG05A</td>
<td>Coal Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG07A</td>
<td>Tarragon Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG08A</td>
<td>Ocean Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG09A</td>
<td>Dolphin Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG10A</td>
<td>Alloy Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG20A</td>
<td>Fawn Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHG21A</td>
<td>Almond Gloss</td>
<td>Gloss</td>
</tr>
<tr>
<td>CHS12A</td>
<td>Snow Satin</td>
<td>Satin</td>
</tr>
<tr>
<td>CHS13A</td>
<td>Nightsky Satin</td>
<td>Satin</td>
</tr>
<tr>
<td>CHS14A</td>
<td>Steel Satin</td>
<td>Satin</td>
</tr>
<tr>
<td>CHS15A</td>
<td>Pewter Satin</td>
<td>Satin</td>
</tr>
<tr>
<td>CHS16A</td>
<td>Putty Satin</td>
<td>Satin</td>
</tr>
<tr>
<td>CHS17A</td>
<td>Seed Satin</td>
<td>Satin</td>
</tr>
<tr>
<td>CHS18A</td>
<td>Acorn Satin</td>
<td>Satin</td>
</tr>
<tr>
<td>CHS19A</td>
<td>Mink Satin</td>
<td>Satin</td>
</tr>
</tbody>
</table>

**Two finishes combine form and function.**

Examples below are not to scale but have been enlarged to show detail:

**Gloss**

- Arctic
- Saffron
- Sunset
- Poppy
- Coal
- Tarragon
- Ocean
- Dolphin
- Alloy
- Fawn
- Almond
- Coffee
- Snow
- Nightsky
- Steel
- Pewter
- Putty
- Seed

**Satin**

- Mink
- Acorn
- Poppy
- Tarragon
- Ocean
- Saffron
- Sunset
- Coffee
- Almond
- Pewter
- Nightsky
- Steel
Concept includes two sizes, perfectly designed for seamless installation.

**Size**

- 850 x 280mm
- 450 x 450mm

**Thickness**

- 850 x 280mm tiles in this range are 10mm thick.
- 450 x 450mm tiles in this range are 9mm thick.

**NB**

- 850 x 280mm décor tiles are suitable for internal wall areas only.

Two finishes combine form and function.

Examples below are not to scale but have been enlarged to show detail.

**Five colours** offering a neutral and contemporary palette.

- Oyster
- Smoke
- Putty
- Beige Décor
- Grey Décor

**Availability**

- **850 x 280mm**
  - CONC1A Smoke Matt
  - CONC1A Oyster Matt
  - CONC1A Putty Matt
  - CONC1D Grey Décor Matt Structured
  - CONC1D Beige Décor Matt Structured

- **450 x 450mm**
  - CONC1F Smoke Matt
  - CONC1F Oyster Matt
  - CONC1F Putty Matt
  - CONC1D Grey Décor Matt Structured

Concept Smoke and Grey Décor
Elegance is available in one bold and impactful size.

Size

600 x 300mm

Thickness

All tiles in this range are 11mm thick.

Availability - 600 x 300mm

SLAR1A Solar Matt
MNRK1A Moonrock Gloss
STELL1A Stellar Matt
SLCE1A Solace Matt
PREB1A Breccia Matt
RHA1A Rhapsody Gloss

Two finishes combine form and function.

Examples below are not to scale but have been enlarged to show detail.

Gloss

Matt

Seven colours offering a neutral and contemporary palette.

Solar

Moonrock

Stellar

Solace

Silver Travertine

Breccia

Rhapsody
**Jewelstone** is available in one bold and impactful size.

<table>
<thead>
<tr>
<th>Size</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet size: 300 x 300mm</td>
<td>All tiles in this range are 8mm thick.</td>
</tr>
</tbody>
</table>

**Ten colours** offering a neutral and contemporary palette.

- Pearl
- Amethyst
- Bronze
- Gold
- Opal
- Quartz
- Sapphire
- Topaz
- Ruby
- Onyx

**Two finishes** combine form and function.

Examples below are not to scale but have been enlarged to show detail.
Modern is available in two sizes, perfectly designed for seamless installation.

Seven colours offering a neutral and contemporary palette.

**Size**
- 600 x 600mm
- 600 x 300mm

**Mosaics**
- Sheet size 600 x 300mm
- Mixed Large
  - MON1MM Beige Mx
  - MON2MM Grey Mx

**Thickness**
All Natural finish tiles in this range are 10mm thick. All Polished finish tiles in this range are 9.5mm thick.

Two finishes combine form and function.
Examples below are not to scale but have been enlarged to show detail.

**Availability - 600 x 600mm**
- MON01N Basalt Natural
- MON02N Flax Natural
- MON03N Oyster Natural
- MON04N Ivory Natural
- MON05N Moonstone Natural
- MON06N Slate Natural
- MON07N Graphite Natural
- MON01P Basalt Polished
- MON02P Flax Polished
- MON03P Oyster Polished
- MON04P Ivory Polished
- MON05P Moonstone Polished
- MON06P Slate Polished
- MON07P Graphite Polished

**Availability - 600 x 300mm**
- MON01N Basalt Natural
- MON02N Flax Natural
- MON03N Oyster Natural
- MON04N Ivory Natural
- MON05N Moonstone Natural
- MON06N Slate Natural
- MON07N Graphite Natural
- MON01P Basalt Polished
- MON02P Flax Polished
- MON03P Oyster Polished
- MON04P Ivory Polished
- MON05P Moonstone Polished
- MON06P Slate Polished
- MON07P Graphite Polished

**Natural**
- Basalt
- Flax
- Oyster
- Ivory
- Moonstone
- Slate
- Graphite

**Polished**
Natural Mosaics are available in five sizes, perfectly designed for seamless installation.

<table>
<thead>
<tr>
<th>Size</th>
<th>Sheet size 305 x 305mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 x 50mm Brick</td>
<td>50 x 25mm Brick</td>
</tr>
<tr>
<td>50 x 50mm Square</td>
<td>50 x 17mm Rectangular</td>
</tr>
<tr>
<td>25 x 25mm Square</td>
<td></td>
</tr>
</tbody>
</table>

Thickness
All tiles in this range are 10mm thick.

Availability - 305 x 305mm (100 x 50mm Brick)
SMBR1A White Brick Natural
SMST2A Silver Travertine Brick Natural

Availability - 305 x 305mm (50 x 25mm Brick)
SMPB1A Light & Dark Brick Polished
SMST2A Silver Mix Brick Natural

Availability - 305 x 305mm (50 x 50mm Square Brick)
SMWT2A White Square Natural
SMSM1A Silver Mix Square Natural
SMST1A Silver Travertine Square Natural

Availability - 305 x 305mm (50 x 17mm Rectangular)
SMCT1A Travertine Rectangular Polished
SMBB1A Brown & Beige Rectangular Polished
SMBB1A Black Rectangular Polished

Availability - 305 x 305mm (25 x 25mm Square)
SMMX1A Mixed Square Natural

Eight colours offering a neutral and contemporary palette.

Two finishes combine form and function.
Examples below are not to scale but have been enlarged to show detail.
Natural Tones is available in two sizes, perfectly designed for seamless installation.

大小

尺寸
600 x 600mm

600 x 300mm - 墙面瓷砖仅限使用

马赛克

单片尺寸 300 x 300mm

混合条
NTM2MS 中性混合（锌、炭黑、鸽子、胡桃）
NTM3MS 自然混合（米色、鹅卵石、米色、咖啡、摩卡）

厚度

所有 600 x 600mm 瓷砖在本系列中均为 10mm 厚，所有 600 x 300mm 瓷砖在本系列中均为 11mm 厚。

两层饰面

结合形式和功能。

示例均非比例显示，但已放大以显示详细信息。

两种饰面

Matt

Gloss

九种颜色

提供中性且现代的调色板。

可用性 - 600 x 600mm

NTM01F 鸽子大理石 光泽
NTM02F 胡桃大理石 光泽
NTM03F 胡桃大理石 光泽
NTM04F 摩卡大理石 光泽
NTS01F 米色石材 光泽
NTS02F 鹅卵石石材 光泽
NTS03F 如石石材 光泽
NTS04F 胡桃石材 光泽
NTS05F 胡桃石材 光泽

可用性 - 600 x 300mm

NTM01A 鸽子大理石 光泽
NTM02A 胡桃大理石 光泽
NTM03A 胡桃大理石 光泽
NTM04A 摩卡大理石 光泽
NTS01A 米色石材 光泽
NTS02A 鹅卵石石材 光泽
NTS03A 如石石材 光泽
NTS04A 胡桃石材 光泽
NTS05A 胡桃石材 光泽

Dove Marble PEI IV

Otter Marble PEI III

Nougat Marble PEI IV

Mocha Marble PEI I

Ecru Stone PEI IV

Pebble Stone PEI III

Mink Stone PEI II

Zinc Stone PEI II

Charcoal Stone PEI I
Opal White is available in one bold and impactful size, with co-ordinating fittings.

**Size**

152 x 152mm

**Thickness**

All tiles in this range are 5.5mm thick, all trims are 9.5mm thick.

**Fittings**

152 x 152mm RE

152 x 152mm REX

152 x 25mm Trim

152 x 25mm Trim Stop End

**Availability** - 152 x 152mm NOPAL White Gloss

Availability - 152 x 152mm RE NOPAL White Gloss

Availability - 152 x 152mm REX NOPAL White Gloss

Availability - 152 x 152mm Trim NOPAL White Gloss

Availability - 152 x 152mm Trim Stop End NOPAL White Gloss

**One finish**

Example below is not to scale but has been enlarged to show detail.

**Gloss**

Opal White, Trim and Trim Stop End

One colour

White
**Parade** is available in one bold and impactful size.

**Size**

600 x 600mm

**Availability** - 600 x 600mm
PAR01P White Polished
PAR02P Black Polished

**Thickness**

All tiles in this range are 10mm thick.

**Two colours** offering a monochrome palette.

White
Black

**One finish**

Example below is not to scale but has been enlarged to show detail.

Polished

Parade White
Prismatics is available in five sizes perfectly designed for seamless installation with co-ordinating fittings.

<table>
<thead>
<tr>
<th>Size</th>
<th>200 x 200mm</th>
<th>150 x 173mm Hexagon</th>
<th>150 x 150mm</th>
<th>200 x 100mm</th>
<th>100 x 100mm</th>
</tr>
</thead>
</table>

**Thickness**
All tiles in this range are 6.5mm thick.

**Fittings**
- Gloss: Cove, Cove HRE, Cove REH, Cove REL, Cove REH, Cove HREX, 200mm Ceramic Bead External, 200mm Ceramic Bead Internal
- Satin: 100 x 100mm REX, 200 x 100mm REXH, 100 x 100mm REXH, 200mm Ceramic Bead Internal

**Availability** - 100 x 100mm, 150 x 150mm, 200 x 100mm and 200 x 200mm
All colours are available in all sizes.

**Availability** - 150 x 173mm Hexagon
Gloss: PRG1 White, PRG6 Black, PRG11 Shark, PRG16 Teal, PRG48 Goldcrest, PRG103 Old Lace, PRG110 Jungle, PRG119 Flame & PRG120 Strawberry
Satins: PRS12 White, PRS13 Black, PRS15 Shark & PRS193 Old Lace

Two finishes combine to create truly stunning effects.
Examples below are not to scale but have been enlarged to show detail:

**Gloss**
- (G)

**Satin**
- (S)

Sixty eight colours offering a colourful and vibrant palette.

**White** (G)
**Shark** (G)
**Rice** (G)
**Peach Sorbet** (G)
**Ash** (G)
**Storm Grey** (G)
**Old Lace** (G)
**Suede** (G)
**Shadow** (G)
**Hawk Grey** (G)
**Mushroom** (G)
**Woodpigeon** (G)
**Black** (G)
**Elephant** (G)
**Coffee** (G)
**Cappuccino** (G)
**Lemon Ice** (G)
**Mimosa** (G)
**Mintwater** (G)
**Peppermint** (G)

Please turn over to view more Prismatics colours...
**Savoy** is available in two sizes, perfectly designed for seamless installation.

### Size

- **300 x 100mm**
- **200 x 100mm**

### Availability - 300 x 100mm

- SAV02A Oat Gloss
- SAV03A Grain Gloss
- SAV04A Caraway Gloss
- SAV05A Dew Gloss
- SAV06A Steel Gloss
- SAV07A Noir Gloss
- SAV08A Leaf Gloss
- SAV02D Oat Gloss Décor
- SAV03D Grain Gloss Décor
- SAV04D Caraway Gloss Décor
- SAV05D Dew Gloss Décor
- SAV06D Steel Gloss Décor
- SAV07D Noir Gloss Décor
- SAV08D Leaf Gloss Décor

### Availability - 200 x 100mm

- SAV02A Oat Gloss
- SAV03A Grain Gloss
- SAV04A Caraway Gloss
- SAV05A Dew Gloss
- SAV06A Steel Gloss
- SAV07A Noir Gloss
- SAV08A Leaf Gloss

### Thickness

All 300 x 100mm tiles in this range are 10mm thick; all 200 x 100mm tiles in this range are 6.5mm thick.

### NB

Finishing strips are also available.

### Seven colours offering a neutral and contemporary palette.

- **Oat**
- **Grain**
- **Caraway**
- **Dew**
- **Steel**
- **Noir**
- **Leaf**

### Two finishes combine form and function.

Examples below are not to scale but have been enlarged to show detail.
Street is available in three sizes, perfectly designed for seamless installation.

<table>
<thead>
<tr>
<th>Size</th>
<th>600 x 600mm</th>
<th>450 x 450mm</th>
<th>850 x 300mm</th>
</tr>
</thead>
</table>

Thickness
450 x 450mm tiles in this range are 9mm thick; all other tiles in the range are 10mm thick.

Three colours offering a neutral and contemporary palette.

- Vapour PEI IV
- Pewter PEI II
- Iron PEI II

<table>
<thead>
<tr>
<th>Availability - 850 x 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR T1N Vapour Matt</td>
</tr>
<tr>
<td>STR T2N Pewter Matt</td>
</tr>
<tr>
<td>STR T3N Iron Matt</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Availability - 450 x 450mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR T1N Vapour Matt</td>
</tr>
<tr>
<td>STR T2N Pewter Matt</td>
</tr>
<tr>
<td>STR T3N Iron Matt</td>
</tr>
</tbody>
</table>

One finish
Example below is not to scale but has been enlarged to show detail.

Matt

Street Vapour
**Teres Mosaics** are available in one bold and impactful size.

**Size**
Sheet size 300 x 300mm

- 23 x 23mm

**Thickness**
All tiles in this range are 4mm thick.

**Availability** - 300 x 300mm (23 x 23mm)
TERE19 Azure Gloss
TERE14 Black Gloss
TERE33 Blue Topaz Gloss
TERE67 Carbon Gloss
TERV44 Chestnut Gloss
TERE39 Fawn Gloss
TERV73 Marine Gloss
TERE38 Pewter Gloss
TERE15 Pillar Box Gloss
TERH24 Plum Gloss
TERE02 Polar Gloss
TERV70 Spearmint Gloss
TERV15 Straw Gloss

**One Finish**
Example below is not to scale but has been enlarged to show detail.

**Gloss**

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**Thirteen colours** offering a colourful and vibrant palette.

- Polar
- Pewter
- Carbon
- Fawn
- Plum
- Chestnut
- Spearmint
- Blue Topaz
- Marine
- Straw
- Pillar Box
- Azure
- Black
**Tones** is available in one bold and impactful size.

**Size**

400 x 150mm

**Thickness**

All tiles in this range are 10mm thick.

**Availability - 400 x 150mm**

- TNS1A White Matt
- TNS1A Cream Matt
- TNS3A Latte Matt
- TNS4A Mocha Matt
- TNS5A Smoke Matt
- TNS7A Charcoal Matt
- TNS1N White Matt Nano
- TNS7N Charcoal Matt Nano
- TNS1W White Matt Wave
- TNS2W Cream Matt Wave
- TNS3W Latte Matt Wave
- TNS4W Mocha Matt Wave
- TNS5W Smoke Matt Wave
- TNS6W Smoke Matt Wave
- TNS7W Charcoal Matt Wave
- TNS1P White Matt Polygon
- TNS7P Charcoal Matt Polygon
- TNS2L Cream Mix Matt
- TNS4L Mocha Mix Matt
- TNS5L Smoke Mix Matt
- TNS6L Smoke Mix Matt
- TNS0F Forest Matt

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**Twelve colours** offering a neutral and contemporary palette.

**Four finishes** combine form and function.

Examples below are not to scale but have been enlarged to show detail:

- Matt
- Matt Wave
- Matt Nano
- Matt Polygon
- White
- Cream
- Latte
- Mocha
- Steam
- Smoke
- Charcoal
- Forest
- Cream Mix
- Steam Mix
- Smoke Mix
- Mocha Mix
**Vivid** is available in one bold and impactful size.

**Ten colours** offering a colourful and vibrant palette.

**Size**

- 400 x 150mm

**Thickness**

All tiles in this range are 10mm thick.

**Availability** - 400 x 150mm

- VVD1A White Gloss
- VVD2A Clay Gloss
- VVD3A Orange Gloss
- VVD4A Red Gloss
- VVD5A Purple Gloss
- VVD6A Blue Gloss
- VVD7A Lime Gloss
- VVD8A Teal Gloss
- VVD9A Dark Grey Gloss
- VVD10A Black Gloss

**One finish**

Example below is not to scale but has been enlarged to show detail.

- Gloss
Zeppelin is available in two sizes, perfectly designed for seamless installation.

**Size**
- 450 x 450mm
- 500 x 200mm

**Thickness**
All 450 x 450mm tiles in this range are 8.5mm thick; all 500 x 200mm tiles in this range are 9mm thick.

**Availability - 450 x 450mm**
- ZEPL1F Silver Gloss
- ZEPL2F Cream Gloss
- ZEPL3F Bronze Gloss
- ZEPL4F Grey Gloss

**Availability - 500 x 200mm**
- ZEPL1A Silver Gloss
- ZEPL2A Cream Gloss
- ZEPL3A Bronze Gloss
- ZEPL4A Grey Gloss

**Four colours** offering a neutral and contemporary palette.

- **Silver** PEI IV
- **Cream** PEI IV
- **Bronze** PEI III
- **Grey** PEI III

**One finish**
Example below is not to scale but has been enlarged to show detail.

**Gloss**
Zubar is available in one bold and impactful size.

**Size**

600 x 300mm

**Availability** - 600 x 300mm

ZUBA1F White Matt
ZUBA2F Beige Matt
ZUBA3F Mink Matt
ZUBA4F Anthracite Matt
ZUBA5F Black Matt

**Thickness**

All tiles in this range are 9.5mm thick.

**Five colours** offering a neutral and contemporary palette.

Example below is not to scale but has been enlarged to show detail.

**One finish**

Matt

Zubar Beige
Fixing techniques...

All of the tiles within this brochure can be fixed using many different techniques. Below are a selection of the most popular ways to fix both wall and floor tiles.

Floor tile suitability...

Abrasion resistance of glazed floor tiles (PEI)

This approximate classification is given for guidance only. It should not be taken to provide accurate product specifications for specific requirements.

PEI I

Floor coverings in areas that are walked on essentially with soft soled footwear or bare feet without scratching dirt (for example residential bathrooms or bedrooms without direct access from the outside).

PEI II

Floor coverings in areas that are walked on by soft soled or normal footwear with, at most, the occasional small amounts of scratching dirt (for example rooms in living areas of homes but with the exception of kitchens, entrances and other rooms which may have a lot of traffic). This does not apply to abnormal footwear; for example hobnailed boots.

PEI III

Floor coverings in areas that with normal footwear, are walked on more often with small amounts of scratching dirt (for example residential kitchens, halls and corridors). This does not apply to abnormal footwear; for example hobnailed boots.

PEI IV

Floor coverings that are walked on by regular traffic with some scratching dirt so that the conditions are more severe than Class III (for example conservatories).

PEI V

Floor coverings that are subject to severe pedestrian traffic over sustained periods with some scratching dirt, so that the conditions are the most severe for which glazed floor tiles may be suitable (for example public areas such as restaurant floors, office internal walkways and reception areas).

This classification is valid for the given applications in normal conditions. Consideration should be given to footwear, type of traffic and cleaning methods expected and the floors should be adequately protected against scratching dirt at the entrance to the buildings by interposing footwear cleaning devices.

PEI test results

<table>
<thead>
<tr>
<th>Range</th>
<th>Code</th>
<th>Colour</th>
<th>PEI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concept</td>
<td>CONC1A/1F</td>
<td>Smoke</td>
<td>IV</td>
</tr>
<tr>
<td>Concept</td>
<td>CONC2A/2F</td>
<td>Oyster</td>
<td>III</td>
</tr>
<tr>
<td>Concept</td>
<td>CONC3A/3F</td>
<td>Putty</td>
<td>III</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTM01F</td>
<td>Dove Marble</td>
<td>IV</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTM02F</td>
<td>Otter Marble</td>
<td>III</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTM03F</td>
<td>Nougat Marble</td>
<td>IV</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTM04F</td>
<td>Mocha Marble</td>
<td>I</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTS01F</td>
<td>Ecru Stone</td>
<td>IV</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTS02F</td>
<td>Pebble Stone</td>
<td>III</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTS03F</td>
<td>Mink Stone</td>
<td>II</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTS04F</td>
<td>Zinc Stone</td>
<td>II</td>
</tr>
<tr>
<td>Natural Tones</td>
<td>NTS05F</td>
<td>Charcoal Stone</td>
<td>I</td>
</tr>
<tr>
<td>Street</td>
<td>STRT1N</td>
<td>Vapour</td>
<td>IV</td>
</tr>
<tr>
<td>Street</td>
<td>STRT2N</td>
<td>Pewter</td>
<td>II</td>
</tr>
<tr>
<td>Street</td>
<td>STRT3N</td>
<td>Iron</td>
<td>II</td>
</tr>
<tr>
<td>Zeppelin</td>
<td>ZEPL1F</td>
<td>Silver</td>
<td>IV</td>
</tr>
<tr>
<td>Zeppelin</td>
<td>ZEPL2F</td>
<td>Cream</td>
<td>IV</td>
</tr>
<tr>
<td>Zeppelin</td>
<td>ZEPL3F</td>
<td>Bronze</td>
<td>III</td>
</tr>
<tr>
<td>Zeppelin</td>
<td>ZEPL4F</td>
<td>Grey</td>
<td>III</td>
</tr>
<tr>
<td>Zubar</td>
<td>ZUBA1F</td>
<td>White</td>
<td>IV</td>
</tr>
<tr>
<td>Zubar</td>
<td>ZUBA2F</td>
<td>Beige</td>
<td>II</td>
</tr>
<tr>
<td>Zubar</td>
<td>ZUBA3F</td>
<td>Mink</td>
<td>I</td>
</tr>
<tr>
<td>Zubar</td>
<td>ZUBA4F</td>
<td>Anthracite</td>
<td>I</td>
</tr>
<tr>
<td>Zubar</td>
<td>ZUBA5F</td>
<td>Black</td>
<td>II</td>
</tr>
</tbody>
</table>
Technical information...

Wall tiles
Some wall tile glazes, particularly the more specialised effects used to create surface features and strong colours, are subject to crazing. This aspect is an inherent characteristic of the glazes and may occur after fixing but will not affect the performance of the tiles. Where round edge and bullnose tiles are used, tile trims are not required. Non-spacer tiles should be spaced using regularly available spacer pegs. It is recommended that proprietary tile edging trims are used for all external corners and exposed edges.

Floor tiles
Slight variation in overall size and shade of floor tiles occurs during the manufacturing process. Where possible, sufficient tiles for the area to be covered should be obtained in one consignment to ensure that a supply of compatible sizes and shades are received.

Floor tiles manufactured by Johnson Tiles are for internal use only and are generally suitable for light commercial and domestic applications (e.g. bathrooms, cloakrooms and en-suites).

Only porcelain floor tiles may be suitable for certain external situations. Please check the suitability before installing any floor tiles in areas subject to frost.

The correct floor tile adhesive and grout suitable for the installation must be used.

Tiles within this brochure have been labelled as wall or floor tiles as a guide only. When considering flooring usage in kitchens, hallways and conservatories, the PEI rating (abrasion resistance) should be taken into account. Tiles with a PEI rating 3 or 4 are suitable.

Glazed floor tiles tend to be more slippery when wet and due care should be taken. Spillages should be cleaned immediately to reduce any risk.

Floor tiles in this brochure are also suitable for use on the wall, providing they are fixed correctly. For more information about individual product suitability please visit www.johnson-tiles.com.

Natural stone mosaics and borders
The colour of natural stone borders and mosaics will vary as the product is from naturally occurring material. This should be laid out to assess the degree of colour variation and to achieve an acceptable blend prior to fixing. All natural stone products require sealing with a proprietary stone sealer in accordance with the manufacturer’s instructions.

Our mosaic sheets can be cut into strips to create a truly unique look.

Tiles sizes
All sizes given in this brochure are nominal and are quoted as the nearest modular size. All dimensions are in millimetres along with a conversion to the nearest modular size in imperial. For details of actual work sizes please refer to the product details given on the carton.

Adhesives and grouts
The Johnson Professional range of adhesives, grouts and tile care products is recommended for all tile fixing. Further information can be obtained by visiting www.johnson-tiles.com.

Grouting and cleaning
Care should be taken during installation, particularly when grouting, to avoid scratching the glazed surface. Abrasive cleansers and strong chemicals that may harm the decoration should not be used.

If coloured grouts are used then the manufacturer’s instructions should be carefully followed. A trial area should be grouted before proceeding with the whole tiled area to check whether any staining of the tiles occurs. Scored products are intended to be grouted.

Johnson Tiles accepts no liability for staining or damage to tile surfaces incurred during grouting of the tiles. Generally the use of such grouts is not recommended with satin or matt glazed products.

Quality standards
Johnson Tiles manufactures to strict levels of quality control to comply with the requirements of Product Standard BS EN 14411.

For further information, details on any Johnson Tiles® product or to order a sample, simply visit www.johnson-tiles.com or call us on 01783 572 575. To view the full technical support area, on our website, please click here.

Ceramic tile physical properties

<table>
<thead>
<tr>
<th>Test</th>
<th>Standard</th>
<th>Requirement</th>
<th>Typical test value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length/width</td>
<td>EN ISO 10545-2</td>
<td>±0.5% ≤ ±2mm</td>
<td>Pass</td>
</tr>
<tr>
<td>Straightness of side</td>
<td>EN ISO 10545-2</td>
<td>±0.3% ≤ ±1.5mm</td>
<td>Pass</td>
</tr>
<tr>
<td>Water absorption</td>
<td>EN ISO 10545-3</td>
<td>10% to 20%</td>
<td>Pass</td>
</tr>
<tr>
<td>Modulus of rupture</td>
<td>EN ISO 10545-4</td>
<td>Min 15N/mm²</td>
<td>Pass</td>
</tr>
<tr>
<td>Frost resistance</td>
<td>EN ISO 10545-12</td>
<td>Not suitable for installations where temperatures may fall below freezing.</td>
<td></td>
</tr>
<tr>
<td>Stain resistance</td>
<td>EN ISO 10545-14</td>
<td>Min Class 3</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Porcelain tile physical properties

<table>
<thead>
<tr>
<th>Test</th>
<th>Standard</th>
<th>Requirement</th>
<th>Typical test value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length/width</td>
<td>EN ISO 10545-2</td>
<td>±0.6% ≤ ±2mm</td>
<td>Pass</td>
</tr>
<tr>
<td>Straightness of side</td>
<td>EN ISO 10545-2</td>
<td>±0.3% ≤ ±1.5mm</td>
<td>Pass</td>
</tr>
<tr>
<td>Water absorption</td>
<td>EN ISO 10545-3</td>
<td>≤ 0.5%</td>
<td>Pass</td>
</tr>
<tr>
<td>Modulus of rupture</td>
<td>EN ISO 10545-4</td>
<td>Min 35N/mm²</td>
<td>Pass</td>
</tr>
<tr>
<td>Frost resistance</td>
<td>EN ISO 10545-12</td>
<td>Resistant</td>
<td>Resistant</td>
</tr>
<tr>
<td>Stain resistance</td>
<td>EN ISO 10545-14</td>
<td>Min Class 3</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Colour shade variation (CSV)

Colour shade variation (CSV) are assigned to floor tiles in this brochure. Shade, colour and pattern variation are inherent characteristics of all ceramic tiles. Before fixing, several cartons should be opened, and the contents mixed, to ensure that the shade variation and/or pattern are acceptable.

Important information

- Every effort has been made to ensure the accuracy of the information given in this brochure.
- In the interest of progress, Johnson Tiles reserves the right to change specifications and availability without prior notice.
- Nothing in this statement’s does, or will affect the statutory rights of the consumer.
- Johnson Tiles cannot accept responsibility for any tiles that have been fixed.
- For specific suitability and fit-for-purpose details, contact the technical helpline.

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Select Collection, a design-led collection of wall and floor tiles. Perfect for both modern and traditional interiors; it offers both small and large format tiles, a wide palette of colours, textures and co-ordinating decorations.