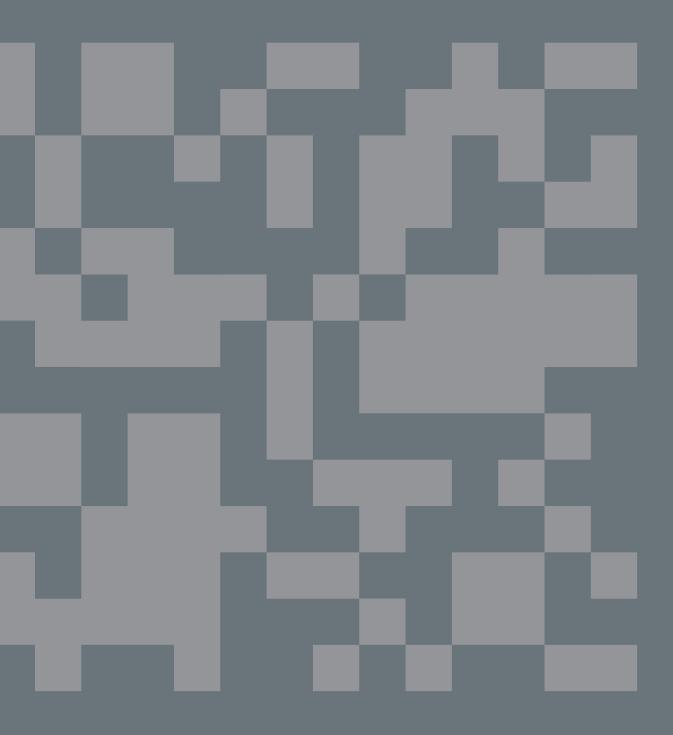
JOHNSON • TILES

# **Select Collection**

Ceramic and Porcelain Wall and Floor Tiles



# About us...

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 millio square metres per annum.
- 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





## 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.

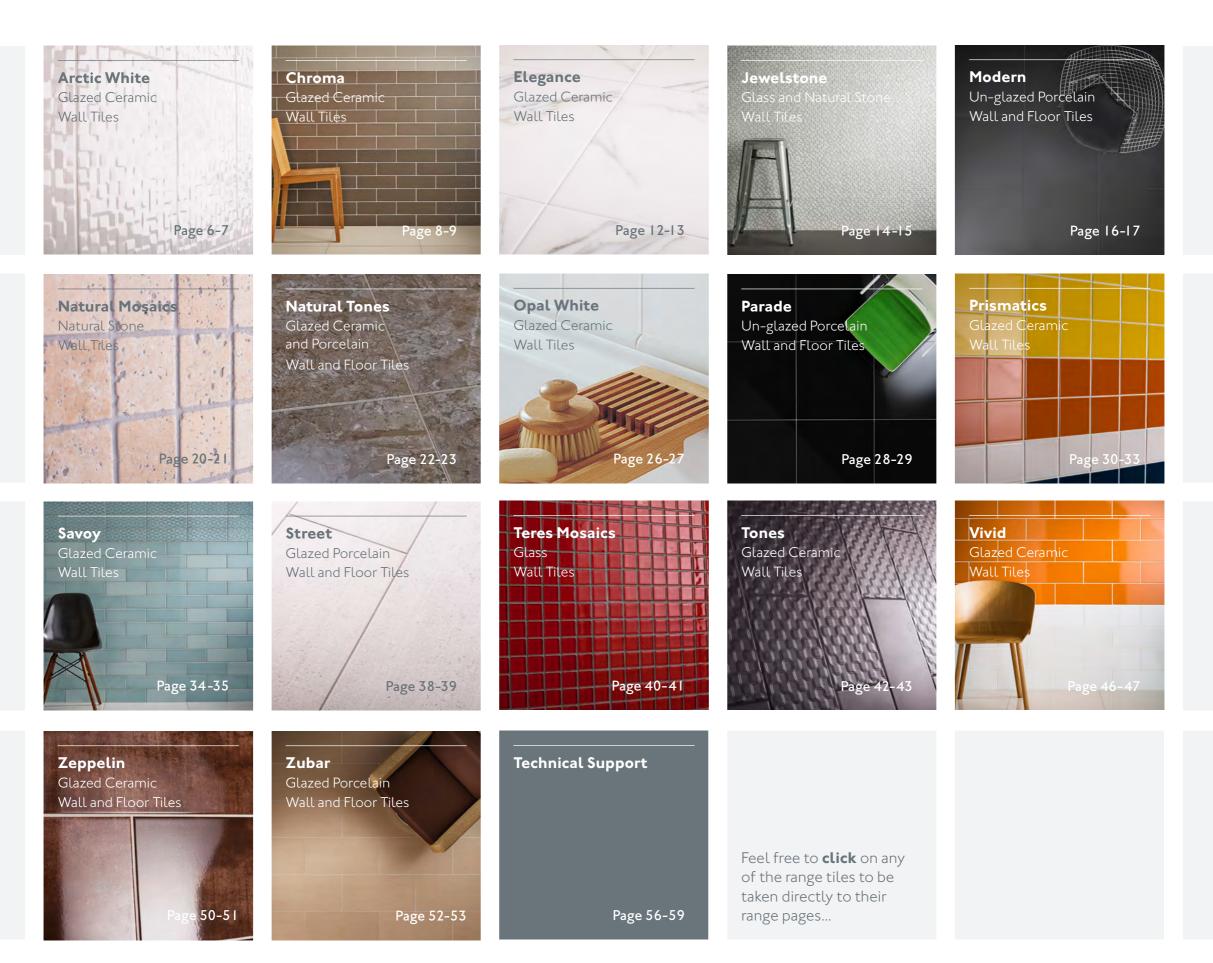
Or alternatively we have the **Absolute Collection**, this is a leading edge collection of contemporary tiles for both the wall and floor. Explore texture, colour and scale in both ceramic and high performance porcelain.

**Select Collection**, a design-led collection of wall and floor tiles. 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.

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.

Click here to be taken to Arctic White on our website...



range are II mm thick; all

other tiles in this range are

10mm thick.

**Gloss Groove** 

ATICIA White Gloss ELMS12 White Satin GROIA White Gloss Groove

Availability - 400 x 150mm

ATICIA White Gloss TNSIA White Satin

GROIA White Gloss Groove DMNSIA White Gloss Dimensions DMNS2A White Satin Dimensions Availability - 300 x 100mm

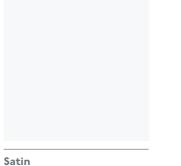
TND12A White Satin

ATIC2A White Gloss CHSI2A White Satin

# Five finishes combine form and function.

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





Gloss





**Gloss Dimensions** 



# One colour



White



Arctic White Gloss Dimensions

# Chroma is available in one bold and impactful size.

Click here to be taken to Chroma on our website...

Siz	Size								

300 x 100mm

#### Availability

Colour	Finish		Colour	Finish
	Gloss	Satin		Gloss
Arctic	ATIC2A	_	Snow	_
Saffron	CHG01A	-	Nightsky	-
Sunset	CHG03A	-	Steel	-
Рорру	CHG04A	-	Pewter	-
Coal	CHG06A	-	Putty	-
Tarragon	CHG07A	-	Seed	-
Ocean	CHG08A	-	Acorn	-
Dolphin	CHG09A	-	Mink	-
Alloy	CHG10A	-		
Sand	CHGIIA	-		
Fawn	CHG20A	-		
Almond	CHG21A	-		
Coffee	CHG22A	_		

#### Thickness All tiles in this range are 10mm thick.

Satin CHS12A CHS13A CHS14A CHS15A CHS16A CHS17A CHS18A CHS19A

# Two finishes combine form and function.

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



Gloss



Satin

# Twenty one colours offering a

neutral and contemporary palette.

Arctic	Sand	Fawn	Dolphin
Coal	Snow	Putty	Seed
iteel	Nightsky	Coffee	Almond
Alloy	Mink	Acorn	Pewter
Saffron	Sunset	Рорру	Tarragon





# Elegance is available in two sizes, perfectly designed for easy installation.

Click here to be taken to Elegance on our website...

#### Size

(00
600 x 300mm

400 x 300mm

#### Availability - 600 x 300mm

- SLARIA Solar Matt MNRKIA Moonrock Gloss STELLIA Stellar Matt SLCEIA Solace Matt PRESIA Silver Travertine Matt PREBIA Breccia Matt RHAPIA Rhapsody Gloss
- Availability 600 x 300mm SLAR2A Solar Matt MNRK2A Moonrock Gloss STELL2A Stellar Matt SLCE2A Solace Matt PRES2A Silver Travertine Matt PREB2A Breccia Matt RHAP2A Rhapsody Gloss

#### Thickness

All 600 x 300mm tiles in this range are 11mm thick; all 400 x 300mm tiles in this range are 10mm thick.

# Two finishes combine form and function.

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





Matt

# Seven colours offering a neutral and contemporary palette.







Moonrock









Solace

**Silver Travertine** 



Stellar



Rhapsody

# Jewelstone is available in one bold and impactful size.

Click here to be taken to Jewelstone on our website...

#### Size

3126							
Sheet size 300 x 300mm							

|4 x |4mm

#### Availability - 300 x 300mm (14 x 14mm)

JESTOI Pearl Mixed JEST02 Amethyst Mixed JEST03 Bronze Mixed JEST04 Gold Mixed JEST05 Opal Mixed JEST06 Quartz Gloss JEST07 Sapphire Gloss JEST08 Topaz Mixed JEST09 Ruby Gloss JESTIO Onyx Gloss

# Two finishes combine form and function.

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





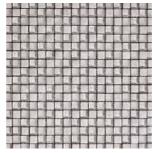
Gloss

Mixed

# Thickness

All tiles in this range are 8mm thick.

# Ten colours offering a neutral and contemporary palette.





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Amethyst

Opal

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Bronze

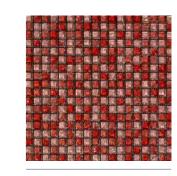
Quartz

Gold

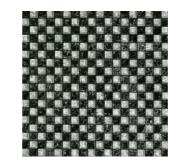
Pearl







Sapphire



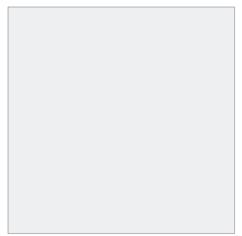
Onyx

Ruby

# Modern is available in two sizes, perfectly designed for seamless installation.

Click here to be taken to Modern on our website..

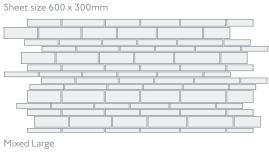
# Size



600 x 300mm

600 x 600mm

#### Mosaics



MON I MM Beige Mix MON2MM Grey Mix

range are 10mm thick; all Polished finish tiles in this range are 9.5mm thick.

All Natural finish tiles in this

Thickness

# Seven colours offering a neutral and contemporary palette.







Basalt

Flax



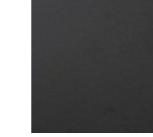


Oyster

lvory

Moonstone

Slate



#### Graphite

#### Availability - 600 x 600mm

MON0IN 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

# Two finishes combine form and function.

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





Natural



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

Click here to be taken to Natural Mosaics on our website...

# Size Sheet size 305 x 305mm Image: Constraint of the size of th

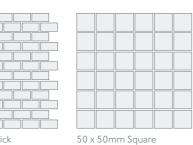
25 x 25mm Square

SMBRIA White Brick Natural

SMST2A Silver Travertine Brick Natural

SMPBIA Light & Dark Brick Polished SMSM2A Silver Mix Brick Natural

SMMXIA Mixed Square Natural



50 x 17mm Rectangular

**Thickness** All tiles in this range are 10mm thick.

**Availability** - 305 x 305mm (50 x 17mm Rectangular)

**Availability** - 305 x 305mm (50 x 50mm Square Brick)

SMCTIA Travertine Rectangular Polished

SMSTIA Silver Travertine Square Natural

SMWT2A White Square Natural SMSMIA Silver Mix Square Natural

SMBBIA Brown & Beige Rectangular Polished SMSBIA Black Rectangular Polished

# **Eight colours** offering a neutral and contemporary palette.







Brown & Beige







Silver Mix

Mixed

Light & Dark





Silver Travertine

Black

**Two finishes** combine form and function.

Availability - 305 x 305mm (100 x 50mm Brick)

**Availability** - 305 x 305mm (50 x 25mm Brick)

**Availability** - 305 x 305mm (25 x 25mm Square)

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





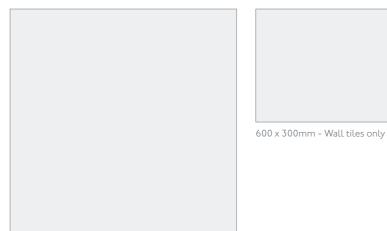
Natural

Polished

Natural Tones is available in two sizes, perfectly designed for seamless installation.

Click here to be taken to Natural Tones on our website...

#### Size

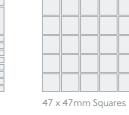


600 x 600mm

#### Mosaics

Sheet size 300 x 300mm





NTM2MS Neutral Mix (Zinc, Charcoal, Dove & Otter) NTM3MS Natural Mix (Ecru, Pebble, Mink, Nougat & Mocha)

# NTM2MM Neutral Mix (Zinc, Charcoal, Dove & Otter) NTM3MM Natural Mix (Ecru, Pebble, Mink, Nougat & Mocha)

# Two finishes combine form and function.

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





Matt

# Thickness

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









Dove Marble

**PEI IV** 

Otter Marble

Nougat Marble **PEI IV** 





Mocha Marble



Zinc Stone







PEI III

PEII

**Charcoal Stone** 

#### Availability - 600 x 600mm

**Mink Stone** 

PEI II

NTM01F Dove Marble Gloss NTM02F Otter Marble Gloss NTM03F Nougat Marble Gloss NTM04F Mocha Marble Gloss

NTSOIF Ecru Stone Matt NTS02F Pebble Stone Matt NTS03F Mink Stone Matt NTS04F Zinc Stone Matt NTS05F Charcoal Stone Matt

NTM01A Dove Marble Gloss NTM02A Otter Marble Gloss NTM03A Nougat Marble Gloss NTM04A Mocha Marble Gloss

Availability - 600 x 300mm

PEI II

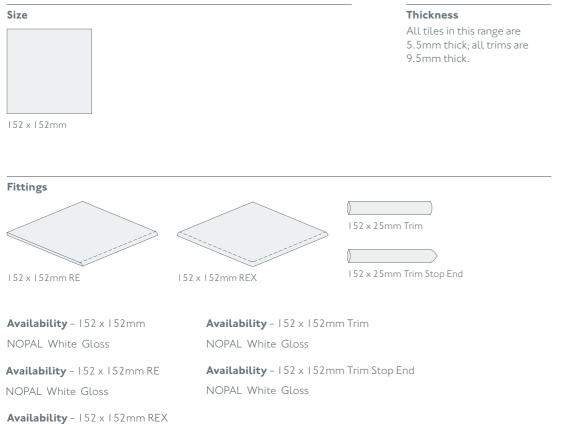
NTS01A Ecru Stone Matt NTS02A Pebble Stone Matt NTS03A Mink Stone Matt NTS04A Zinc Stone Matt NTS05A Charcoal Stone Matt





# **Opal White** is available in **one** bold and impactful size, with co-ordinating fittings.

Click here to be taken to Opal White on our website...

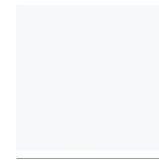


NOPAL White Gloss

# **One finish**

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

# One colour



White



Opal White, Trim and Trim Stop End

# Parade is available in one bold and impactful size.

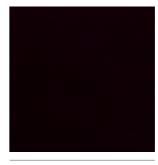
Click here to be taken to Parade on our website...

# Size

Thickness All tiles in this range are 10mm thick.

# Two colours offering a monochrome palette.





Black

Parade White

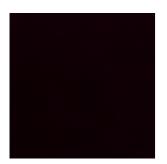
600 x 600mm

Availability - 600 x 600mm

PAR01P White Polished PAR02P Black Polished

# **One finish**

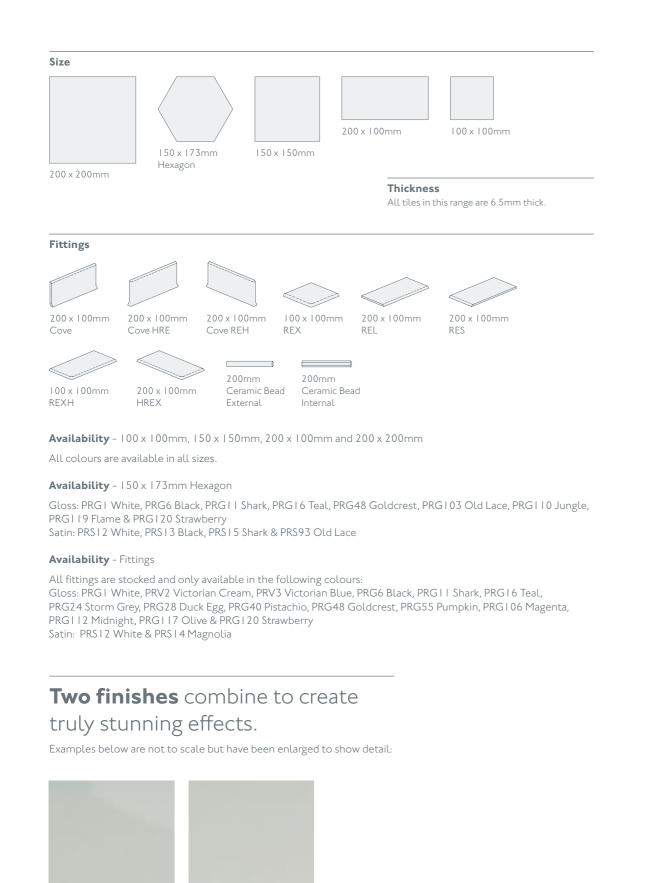
Example below is not to scale but has been enlarged to show detail:





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

Click here to be taken to Prismatics on our website...



# **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	(0
Shadow	(G)	Hawk Grey	(G)	Mushroom	(G)	Woodpigeon	(0
Black	(G)	Elephant	(G)	Coffee	(G)	Cappuccino	(0
Lemon Ice	(G)	Mimosa	(G)	Mintwater	(G)	Peppermint	((

Victorian Cream	(G)	Sun Haze	(G)	Pistachio	(G)	Lagoon	(G)
Sandcastle	(G)	Sunflower	(G)	Chartreuse	(G)	Jungle	(G)
Ginger	(G)	Goldcrest	(G)	Olive	(G)	Victorian Green	(G)
Duck Egg	(G)	Harebell	(G)	Thistle	(G)	Pumpkin	(G)
Ocean Blue	(G)	Bluebell	(G)	Magenta	(G)	Flame	(G)
Electric	(G)	Midnight	(G)	Blackberry	(G)	Tomato	(G)



# Savoy is available in two sizes, perfectly designed for seamless installation.

Click here to be taken to Savoy on our website...

#### Size 300 x 100mm 200 x 100mm Availability - 300 x 100mm Availability - 200 x 100mm SAV02A Oat Gloss SAV02A Oat Gloss SAV03A Grain Gloss SAV03A Grain Gloss SAV04A Caraway Gloss SAV04A Caraway Gloss SAV05A Dew Gloss SAV05A Dew Gloss SAV06A Steel Gloss SAV06A Steel Gloss SAV07A Noir 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

# 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.







Caraway





Dew

Leaf

Steel

Grain

Noir

# Two finishes combine form and function.

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





Gloss

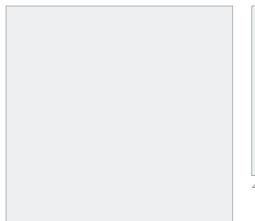
**Gloss Décor** 

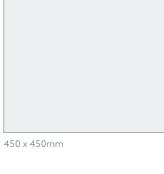


# Street is available in three sizes, perfectly designed for seamless installation.

Click here to be taken to Street on our website...

Size





600 x 600mm



850 x 300mm

Availability - 850 x 300mm STRTIN Vapour Matt STRT2N Pewter Matt STRT3N Iron Matt

#### Availability - 600 x 600mm STRTIN Vapour Matt STRT2N Pewter Matt STRT3N Iron Matt

# Thickness

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

#### Availability - 450 x 450mm

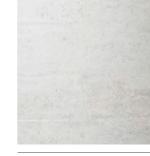
STRTIN Vapour Matt STRT2N Pewter Matt STRT3N Iron Matt

# **One finish**

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



# Three colours offering a neutral and contemporary palette.







Vapour

PEI IV

Pewter

Iron

PEI II



Street Vapour

# Teres Mosaics are available in one bold and impactful size.

Click here to be taken to Teres Mosaics on our website..

#### Size

#### Sheet size 300 x 300mm

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23 x 23mm

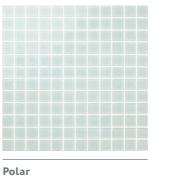
#### Availability - 300 x 300mm (23 x 23mm)

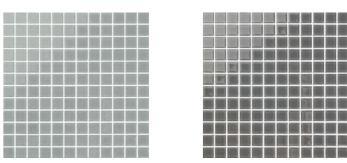
TEREI9 Azure Gloss TEREI4 Black Gloss TERE53 Blue Topaz Gloss TERE07 Carbon Gloss TERV44 Chestnut Gloss TERE39 Fawn Gloss TERV73 Marine Gloss TERE38 Pewter Gloss TEREI5 Pillar Box Gloss TERH24 Plum Gloss TERE02 Polar Gloss TERV70 Spearmint Gloss TERV15 Straw Gloss

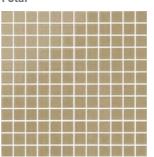
#### Thickness

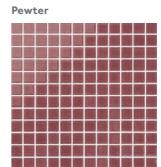
All tiles in this range are 4mm thick.

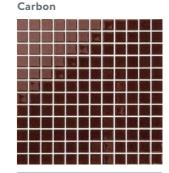
# Thirteen colours offering a colourful and vibrant palette.



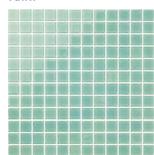


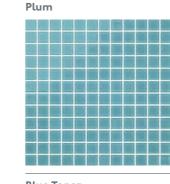


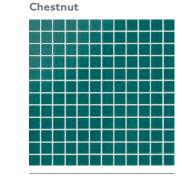




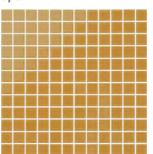
Fawn



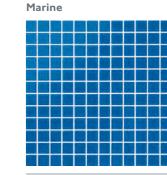




Spearmint







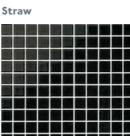


**Pillar Box** 



**One Finish** 

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





# Tones is available in one bold and impactful size.

Click here to be taken to Tones on our website...

Size		Thickness	
		All tiles in this range are I 0mm thick.	
400 x 150mm			
Availability - 400 x 150mm	n		
TNSIA White Matt	TNSIW White Matt Wave	TNS2L Cream Mix Matt	
TNS2A Cream Matt	TNS2W Cream Matt Wave	TNS4L Mocha Mix Matt	White
TNS3A Latte Matt	TNS3W Latte Matt Wave	TNS5L Steam Mix Matt	
TNS4A Mocha Matt	TNS4W Mocha Matt Wave	TNS6L Smoke Mix Matt	

TNS0F Forest Matt



Twelve colours offering a neutral

and contemporary palette.



Latte

Smoke



Cream



Mocha



Charcoal



Smoke Mix

Mocha Mix

Four finishes combine form and function.

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



TNS5A Steam Matt

TNS6A Smoke Matt

TNS7A Charcoal Matt

TNSIN White Matt Nano

TNS7N Charcoal Matt Nano



Matt Wave

TNS5W Steam Matt Wave

TNS6W Smoke Matt Wave

TNS7W Charcoal Matt Wave

TNSIP White Matt Polygon

TNS7P Charcoal Matt Polygon

Matt





Matt Nano

Matt Polygon



Steam











Steam Mix







# Vivid is available in **one** bold and impactful size.

Click here to be taken to Vivid on our website...

400 x 150mm

Size

## Availability - 400 x 150mm

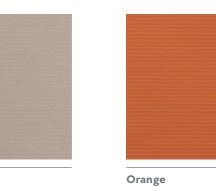
VVDIA White Gloss VVD2A Clay Gloss VVD3A Orange Gloss VVD4A Red Gloss VVD5A Purple Gloss VVD6A Blue Gloss VVD7A Lime Gloss VVD8A Teal Gloss VVD9A Dark Grey Gloss VVD10A Black Gloss

# Thickness

All tiles in this range are 10mm thick.

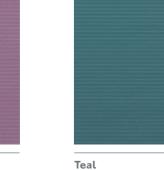
# Ten colours offering a colourful and vibrant palette.











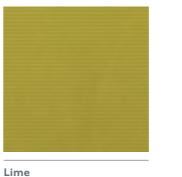
Red



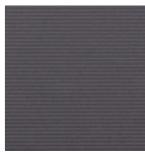
Clay

Purple

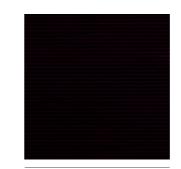
Blue







## Dark Grey



Black

# 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.

Click here to be taken to Zeppelin on our website...

# **c**:-

Size	
	500 x 200mm
450 x 450mm	

#### Availability - 450 x 450mm

ZEPLIF Silver Gloss ZEPL2F Cream Gloss ZEPL3F Bronze Gloss ZEPL4F Grey Gloss

# Availability - 500 x 200mm

ZEPLIA Silver Gloss ZEPL2A Cream Gloss ZEPL3A Bronze Gloss ZEPL4A Grey Gloss

Thickness

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

# Four colours offering a neutral and contemporary palette.





Silver

Cream



Bronze

PEI III



# **One finish**

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





# Zeppelin Silver

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

Click here to be taken to Zubar on our website...

# Size

600 x 300mm

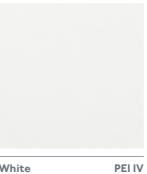
#### Availability - 600 x 300mm

ZUBAIF 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.







White







Zubar Beige

# **One finish**

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

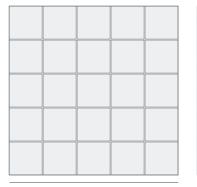


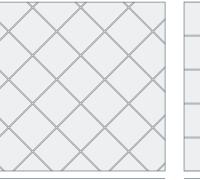




# Fixing techniques...

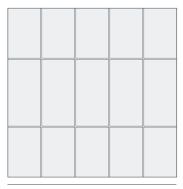
All of the tiles within this brochure can be **fixed** using many different **techniques**. Below are a selection of the most popular ways to fix both **wall** and **floor tiles**.

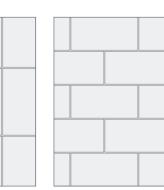


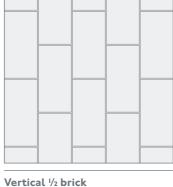


Square block

Square block 45°







Horizontal block

Vertical block

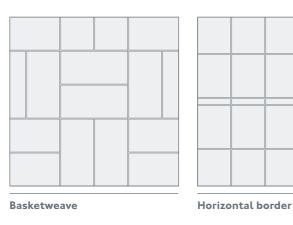
Horizontal 1/2 brick



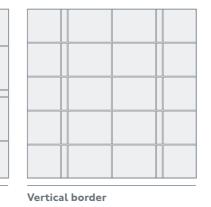


Horizontal <sup>1</sup>/3 brick

Vertical <sup>1</sup>/<sub>3</sub> brick







# 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						
Range	Code	Colour	PEI			
Natural Tones	NTMOIF	Dove Marble	IV			
Natural Tones	NTM02F	Otter Marble	111			
Natural Tones	NTM03F	Nougat Marble	IV			
Natural Tones	NTM04F	Mocha Marble	1			
Natural Tones	NTS01F	Ecru Stone	IV			
Natural Tones	NTS02F	Pebble Stone				
Natural Tones	NTS03F	Mink Stone	11			
Natural Tones	NTS04F	Zinc Stone				
Natural Tones	NTS05F	Charcoal Stone				
Street	STRTIN	Vapour	IV			
Street	STRT2N	Pewter				
Street	STRT3N	Iron	11			
Zeppelin	ZEPLIF	Silver	IV			
Zeppelin	ZEPL2F	Cream	IV			
Zeppelin	ZEPL3F	Bronze	111			
Zeppelin	ZEPL4F	Grey	111			
Zubar	ZUBAIF	White	IV			
Zubar	ZUBA2F	Beige	11			
Zubar	ZUBA3F	Mink				
Zubar	ZUBA4F	Anthracite				
Zubar	ZUBA5F	Black				

# 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.

#### Tile 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 **01782 575 575**. To view the full technical support area, on our website, please **click here**.

#### Ceramic tile physical properties

Test	Standard	Requirement	Typical test value
Length/width	EN ISO 1 0545-2	±0.5% ≤ ±2mm	Pass
$\rightarrow - \leftarrow$ Straightness of side	EN ISO 10545-2	±0.3% ≤ ±1.5mm	Pass
Water absorption	EN ISO 10545-3	10% to 20%	Pass
Modulus of rupture	EN ISO 10545-4	Min 15N/mm²	Pass
Frost resistance	EN ISO 10545-12		Not suitable for installations where temperatures may fall below freezing.
Stain resistance	EN ISO 10545-14	Min Class 3	Pass

#### Porcelain tile physical properties

Test	Standard	Requirement	Typical test value
Length/width	EN ISO 1 0545-2	±0.6% ≤ ±2mm	Pass
$\rightarrow - \leftarrow$ Straightness of side	EN ISO 10545-2	±0.3% ≤ ±1.5mm	Pass
Water absorption	EN ISO 10545-3	≤ 0.5%	Pass
Modulus of rupture	EN ISO 10545-4	Min 35N/mm²	Pass
Frost resistance	EN ISO 1 0545-1 2	Resistant	Resistant
Stain resistance	EN ISO 10545-14	Min Class 3	Pass

#### 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.



During the manufacture of all ceramic tiles some variation in shade or pattern can occur. Before fixing tiles, several cartons should be opened and the contents mixed, to ensure that the size, shade, colour and patterning are acceptable. The tiles illustrated in this brochure are quality products and conform to the physical properties listed above.

For specific suitability and fit-for-purpose details, contact the technical helpline. Johnson Tiles cannot accept responsibility for any tiles that have been fixed.

#### 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 these statement's does, or will affect the statutory rights of the consumer.
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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.

口深淡

#### Samples

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Tel: 01782 524111 Fax: 01782 577379 Email: techadvice@johnson-tiles.com

#### www.johnson-tiles.com



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