

N&C

Alfresco  
*porcelain paving*

The background image shows a contemporary dining space. On the left, there are wooden chairs with light blue seats around a table. The wall is made of dark, textured stone. Two large, ribbed, dome-shaped pendant lights hang from the ceiling. On the right, a large glass window or door looks out onto a patio area with several large potted plants in grey concrete pots. The floor is made of large, light-colored stone tiles.

The Nicholls & Clarke Group is a business dedicated to the manufacture and supply of the finest building materials. Founded in 1875 in London, we have grown from servicing the capitals' building trades to becoming the largest privately owned national manufacturer and distributor of fine quality building products.

Quality manufacturing is at the core of our business and comes as standard. We own state of the art manufacturing facilities based across the UK and Central Europe. This gives us the broadest manufacturing capability available, allowing us to offer an extensive portfolio of product, more specialised than that of any of our competitors.

Our distribution network is supported with our private fleet of over 110 commercial vehicles. This gives us full logistical control from the point of manufacture through to delivery to site. We offer a nationwide delivery service, be that to site, home or commercial address. The vast majority of our deliveries are made on a next day basis.

## Making the most of outdoor spaces

Create an outdoor space that offers an expansion of the inside space into the outdoors. The Alfresco Porcelain Paving Collection is packed with an abundance of inspiration and styles that allow you to add value to your property. Whatever the size or shape of your outside space, be that a garden, driveway, roof terrace or balcony, we can help you transform it into a usable, luxurious looking space that will stay looking beautiful throughout its lifetime.

Differentiate from the crowd through our vast collection of unique, attractive designs to suit domestic and commercial projects. Excite your imagination with our extensive collection of the latest, on-trend outdoor and matching indoor tile ranges, designed with inspiration in mind.

As one of the leading tile suppliers in the UK, N&C offer quality, inspirational tile designs in a variety of colours, textures, finishes and size formats. We offer the latest in design through innovative use of inkjet technology and manufacturing processes, whilst still meeting the most stringent budget requirements. With our Nationwide distribution centres, £10,000,000 stock availability and Nationwide delivery, we offer an unrivalled service and product availability to our clients.

## Our Customers

As a multi-faceted company with a reputation and pedigree built over 140 years, we have gained a depth of knowledge and invaluable experience in the supply and distribution of N&C products. We have experience across many industries with a huge portfolio of products suited to all project environments. We work with and supply to the design industry, housebuilders, contractors, retailers and end users.

## Research & Development

The product and design teams are constantly engaged in research and development to ensure that the new collections meet future trends, market requirements, as well as new innovations that make us unique suppliers. Investment in the latest laboratory equipment and testing facilities allow us to push forward with the development of the next new technology or raw material that will further enhance product performance or characteristics. Prior to going to market, we undergo rigorous testing of all our products to ensure that performance is to a high standard. All products are tested to meet the relevant standards and regulations.

## Trade Associations & Technical Committees

N&C are heavily involved in the creation of British & European Standards for decades. We have chaired The Tile Association (TTA) and their Wetroom Technical Committee. We continue to push for stringent policing of the industry which would stop manufacturers falsely claiming specific European Standards on packaging. Our philosophy has always been to drive up quality and standards whilst remaining highly competitive.

## High Definition Imaging

Our factories use the latest in inkjet technology with high precision processes to closely replicate the natural beauty of woods, stones and other effects on our Alfresco Porcelain Collection. The result is an outstanding replication of the real material.

## Total Solution Providers

As part of the Nicholls & Clarke Group, we have the ability to offer the complete package through a comprehensive range of quality products. You can benefit from dealing with one source, making it easier to co-ordinate project supplies. Furthermore, with nationwide distribution depots, we hold over £10,000,000 worth of stock for immediate collections or next day delivery (subject to delivery schedule).

## Inventors & Innovators

We embrace new technologies within the industry which help to better define our portfolio, with products that perform, where quality and functionality are at its peak. As inventors, we continue to engage in research and development. Our factories use the latest in inkjet technology and manufacturing processes for the optimum in quality and design.

## 24 Hour Nationwide Delivery

We are unique in being able to offer nationwide delivery (subject to delivery schedule), and there is no minimum order requirement. N&C operates from 18 branches nationwide, so can offer localised delivery. With thousands of product lines in stock, you also have the option to collect.

## British Manufacture

Our three state of the art U.K manufacturing facilities comply with ISO9001 and ISO14001. They utilise the latest manufacturing technologies and apply stringent quality control checks during every part of the manufacturing process. Only the highest quality raw materials, product formulations and packaging materials are used, ensuring the finished product meets our exacting standards, far exceeding those of the latest European standards.

## Customer Care

We aim to provide you with an outstanding level of customer service that will help to further enhance the service you offer to your clients. We monitor our performance levels and strive to achieve 100% client satisfaction. We believe that open channels of communication with our customers, coupled with their feedback are a sure way of further improving our customers buying experience.

## Technical Service

Our Technical Team has well over 200 years of combined experience in the tile industry. We are able to offer a full technical specification service and are available to attend any site address throughout the U.K. A technical written specification is available on request.





# N&C Alfresco Porcelain Paving

Enquire about the Nicobond Terra Level Pedestal System for fast, easy installation

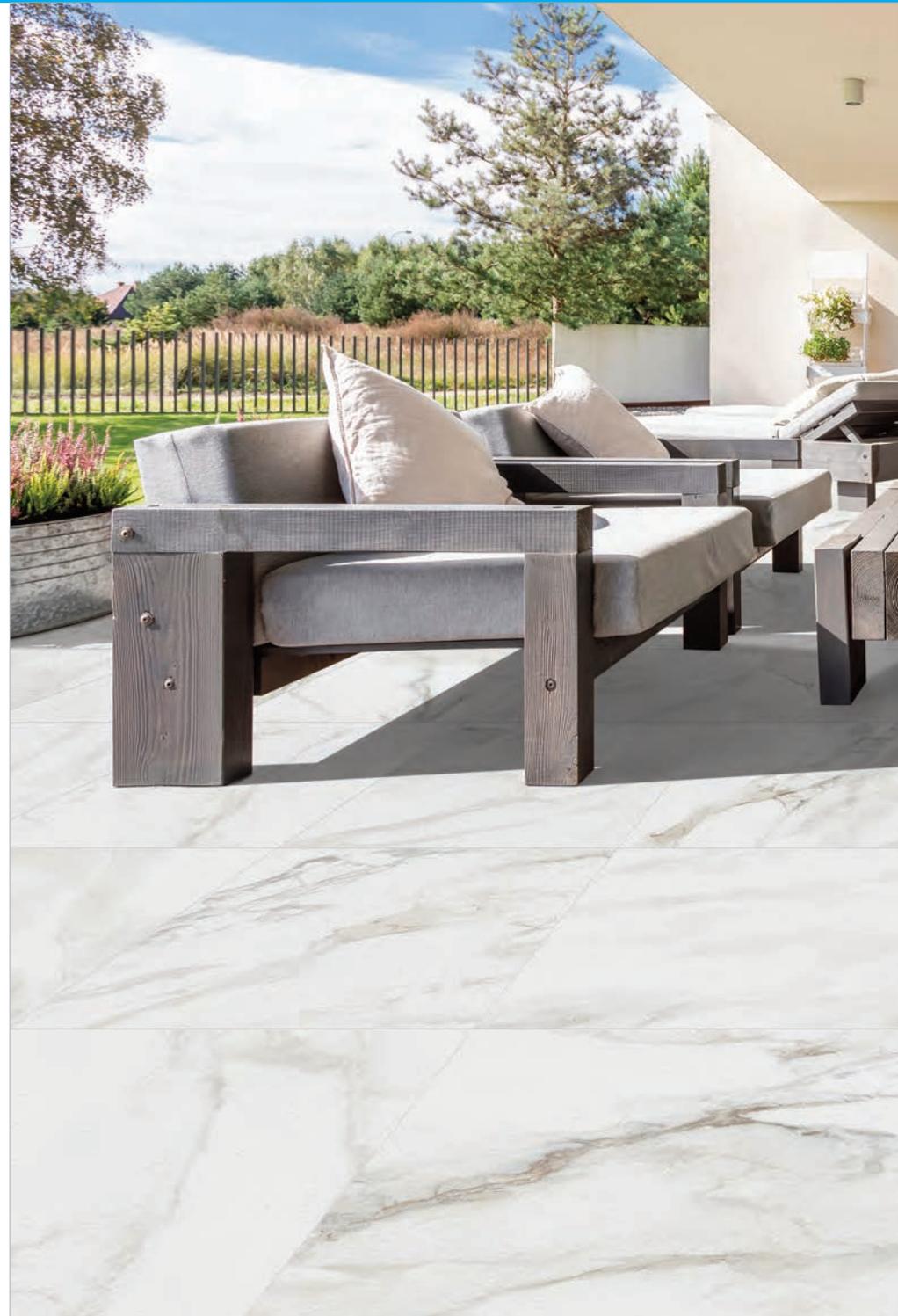
# the new outdoor living concept...

The N&C Alfresco porcelain paving collection features a series of co-ordinating 10mm indoor and 20mm outdoor porcelain tiles that have been cleverly designed to seamlessly connect your inside environment with the outdoors to achieve a smooth transition and expansion of space.

## Why choose N&C Alfresco Porcelain Paving?

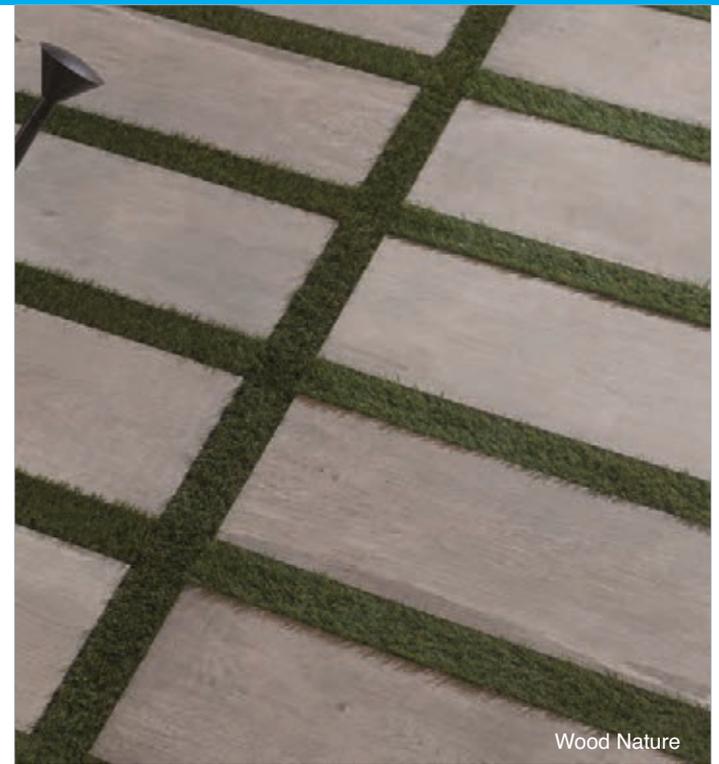
- High strength, high performance
- Colours will not fade over time means product stay looking beautiful
- Frost-resistant so protected from adverse weather conditions
- An impermeable, dense material so resistant to moss and staining
- Enhanced resistance to slipping with a PTV of 36+
- Quick to install\*
- Acid, oil and chemical resistant
- Highly resistant to scratches so ideal for high traffic areas
- Rectified edges for accuracy and precision, requiring smaller joints
- Available in a number of colours, styles and sizes
- Resistant to drastic temperature changes
- Low maintenance as no treatments required/will not rot
- Ideal externally for patios, driveways, terraces, balconies etc
- Interior/exterior coordination
- Attractive on-trend designs
- Environmentally friendly
- Removable for inspection and to hide wires and pipework\*
- Easy to clean, even with high-pressure systems
- Resistant to fire
- Easy to install
- Matching internal tiles
- Cost Effective

\*When using Nicobond Terra Level System





Marble Stone



Wood Nature



Wood Spirit

# high performance characteristics...

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High strength



Acid-resistant



Frostproof



Flame  
Resistant



Salt  
Resistant



Stain  
Resistant



Scratch  
Resistant



Mould/Moss  
Resistant

a look at the alternatives...



Marble Stone

When choosing which outdoor option would best suit you, it is important to look at factors such as the level of ongoing maintenance, safety of the floor, durability and the overall lifetime cost of the chosen material as maintenance is sometimes needed every couple of years with some alternative materials.

Options	Easy Installation	Stain Resistant	Slip Resistant (wet)	Fade Resistant	Maintenance Required	Longevity as 'new' appearance	Attractive	Overall Project Cost*
Brick/Clay Paving	No	No	Yes	No	Low	No	Yes	££££
Natural Stone	No	No	No	Yes	High	Yes	Yes	£££££
Concrete	No	No	No	No	High	No	No	£££
Stamped Concrete	No	No	No	No	High	No	Yes	£££
N&C Alfresco Porcelain Paving	Yes	Yes	Yes	Yes	Low	Yes	Yes	££**

\* Overall cost takes into consideration the cost of the material, installation and ongoing maintenance costs

\*\* When using the Nicobond Terra Level Pedestal System

# innovation in tiling...

## 20mm Outdoor N&C Alfresco Porcelain Paving

Porcelain is a durable and versatile material that has been used as a wall and floor covering for many years. However, modern manufacturing capabilities have excelled the use the porcelain, making it a favourable material with excellent technical characteristics.

Due to its remarkable resistance, porcelain is the natural choice of material for flooring in areas with a high level of pedestrian traffic, as well as around the home. The flexibility in colour, design and formats make it a sought after choice for indoor to outdoor use in order to achieve a seamless transition between rooms.

### 20mm thick

A revolution in tile manufacturing has enabled us to offer all the superb technical performance and characteristics of porcelain with a 20mm thick profile which makes it ideal for outdoor paving.

### Structured profile

Our 20mm N&C Alfresco Porcelain Paving is a dense, non porous material with a structured surface that makes it a slip resistant surface, safe for outdoor use.

### Modern Installations

Our revolutionary N&C Alfresco Porcelain Paving Collection is ideal for use with modern installation methods such as the Nicobond Terra Level Pedestal System which enables a dry fit, speedy, low cost, easy install that enables you to achieve a high load bearing surface, suitable for domestic projects to high traffic commercial projects. Sloping ground can be levelled off to create a more even usable surface.

### Slip Resistance

We specialise in offering a large collection of slip resistant floor tiles that meet a Pendulum Test Value of 36+ in both wet and dry tests. This means that they are deemed suitable for a wet floors and commercial applications to meet the requirements set out by the Health & Safety Executive (HSE) for the UK market. The tests carried out on the 20mm N&C Alfresco Porcelain Paving Collection use a specialist rubber to simulate the slip resistance characteristics of a barefoot pedestrian, when assessing floor surfaces for use in areas likely to get wet.



## 10mm Indoor N&C Alfresco Tiles

### 10mm thick

The N&C Alfresco Porcelain collection features a wide range of 10mm thick tiles which can be used internally throughout the home or commercial space, as well as outdoors if bonded (where a PTV of 36+ has been achieved).

### Smooth profile

Our N&C Alfresco Porcelain Paving collections consists of a range of 10mm thick profile tiles that generally features a smoother surface.

### Traditional Installation methods

Our collection of 10mm N&C Alfresco Porcelain Paving can be installed by bonding with adhesive.

### Indoors to Outdoors

The majority of our 1cm thick ranges have a matching outdoor tile that means you can achieve a seamless extension of your floor from the indoors to the outdoors.



20mm Outdoor N&C Alfresco Porcelain Paving



10mm Indoor N&C Alfresco Tiles

### Colour Shade Variation Grading

The variation of colour, texture, and tone between individual porcelain tiles is referred to as 'colour shade variation'. Variation in colour and shade is an inherent characteristic of any fired product and can actually enhance the character and beauty of the project. Shade variation is inherent in all tile products, including man-made tiles. Shade texture will vary from piece to piece within production runs.

V1 shade variation has little or no change from piece to piece, whereas a V4 will have a large variety of colour and/or texture changes. Prior to any installation, the tiles should be approved by the customer as shades of colour are seen differently on computer screens and brochures. Therefore, we advise that customers request a sample before making a final selection or purchase.



**V1** Uniform Appearance

#### V1-Uniform Appearance:

Minimal to no difference among pieces from the same production run because each ceramic tile is manufactured using the same glaze applications and body texture.



**V2** Slight Variation

#### V2-Slight Variation:

Distinguishable differences in texture and/or pattern within similar colours.



**V3** Moderate Variation

#### V3-Moderate Variation:

Though the colours present in a single piece of ceramic tile may indicate the colours to be expected on other tiles, the amount of colours on each piece may vary significantly.



**V4** Substantial Variation

#### V4-Substantial variation:

Random colour variation from tile to tile, so that one ceramic tile may have a totally different colour from that on other tiles. Thus, the final installation will be unique.

versatile by nature...



4

3

5

2

1. Fully bonded with Adhesive | 2. Laying on Gravel/Sand | 3. Laying on Grass  
4. Nicobond Terra Level Pedestal System | 5. Matching 10mm profile bonded with adhesive | 6. Traditional Paving



6

1

the innovative, modern method of installation...

## Raised Floor Pedestal System

The Nicobond Terra Level Pedestal System offers an innovative solution for the stable, high quality and long term laying of raised floors using 20mm porcelain tiles. This is the ideal system for patios, balconies and other exterior living spaces. A modern lightweight, easy to install and cost effective solution.

- Fast installation
- Low cost
- Flexible heights
- High stability
- Exceptional drainage
- Permanent ventilation
- Service management
- Load bearing
- Stackable & adjustable
- Slope correction

*Achieve a patio in days not weeks*

## Other traditional methods of installation

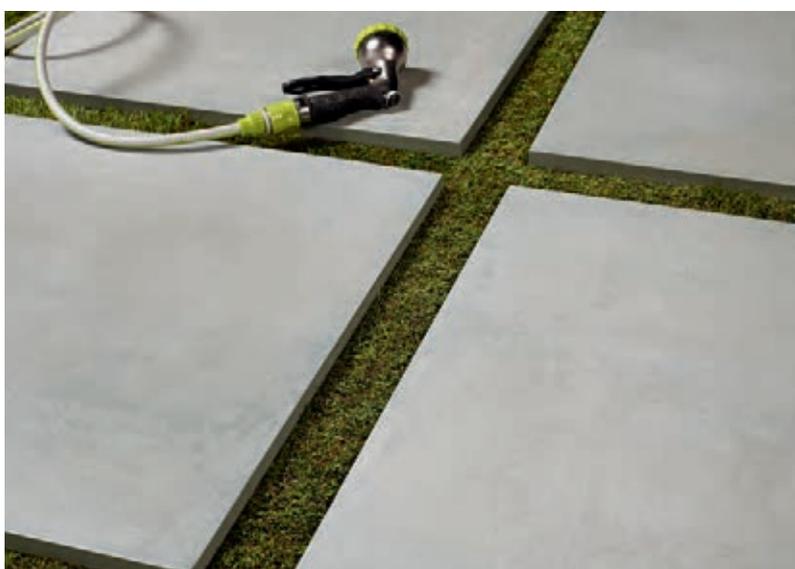
Our N&C Alfresco Porcelain Paving Collection is versatile in the way in which it can be installed. With the correct preparation, it can be installed in a variety of ways to suit your project requirements, from being bonded with adhesive, placed onto gravel or laid onto grass.



Lay on gravel



Bond with adhesive



Lay on grass



Lay on soil

# the N&C Alfresco collection...



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Vista - pages 84 - 85

# Future Stone

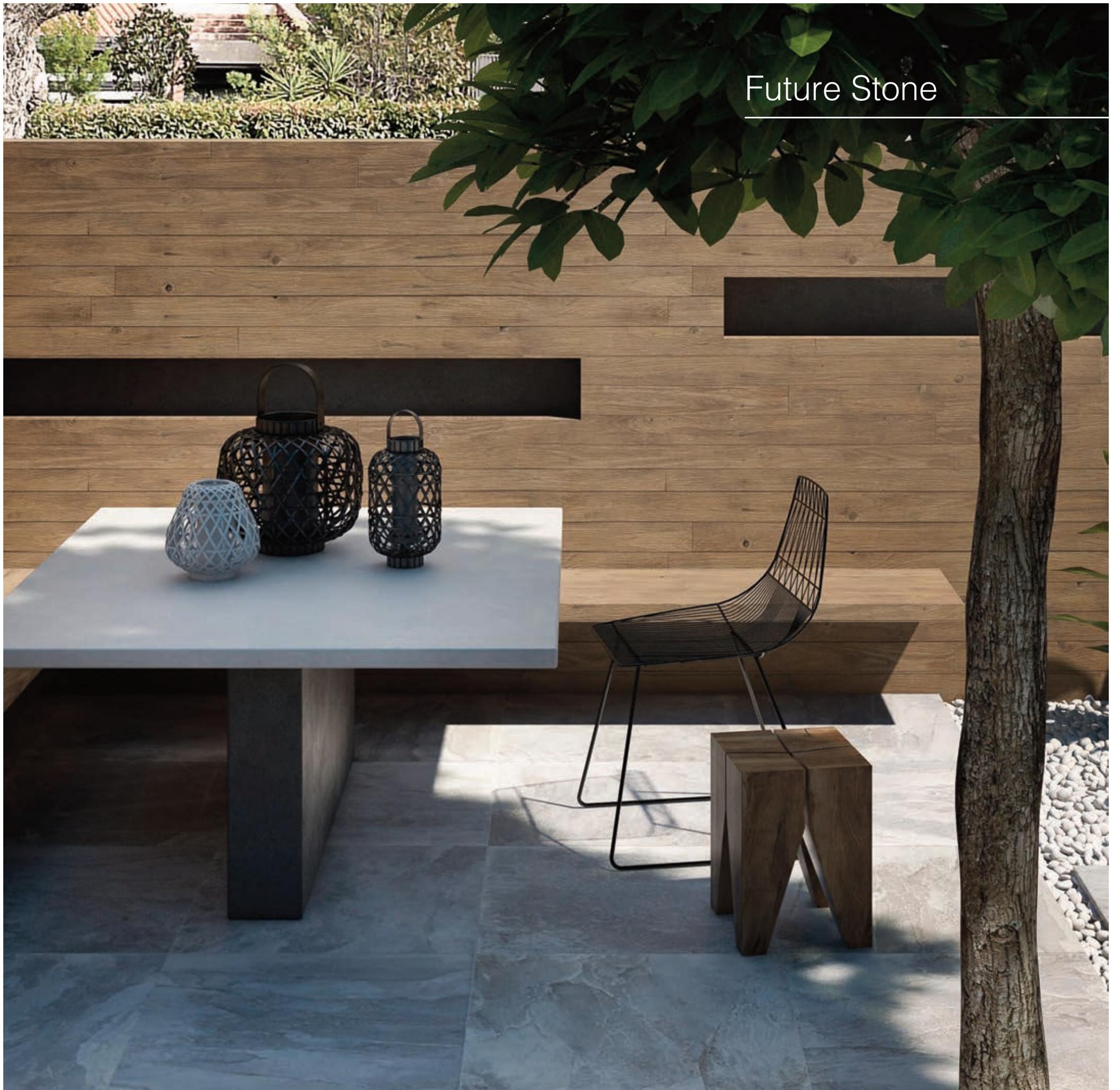
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# Future Stone





Future Stone





# Future Stone

The latest in inkjet technology enables you to benefit from the intricate beauty and detailing of natural marble, attaining the benefit from the hardwearing, robust and low maintenance properties of porcelain. Extend the look into the outdoors for the creation of a luxurious space.

Porcelain paving 750 x 750 x 20mm



Bone NB19445

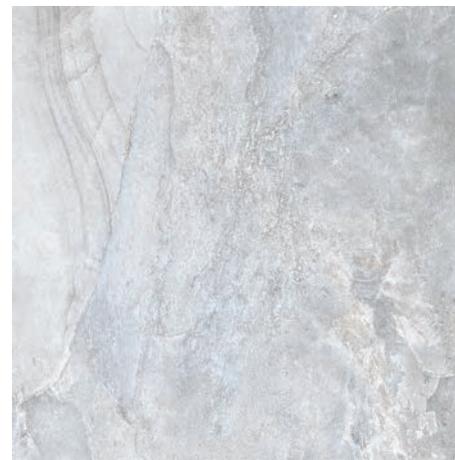


Grey NB19446

Porcelain paving 600 x 600 x 20mm\*



Bone NB19443



Grey NB19444

\* Available to special order





# Future Stone

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Ceramic wall tiles 300 x 900 x 11mm



Bone NB19400



Grey NB19402

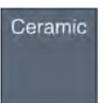
Ceramic decor wall tiles 300 x 900 x 11mm



Bone NB19401



Grey NB19403







Future Stone

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# Future Stone

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Porcelain floor tiles 450 x 450 x 9mm



Bone NB18384



Grey NB18385



White NB18386

Porcelain floor tiles 600 x 600 x 10mm



Bone NB19404



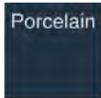
Grey NB19405



Black NB19406



Internal



Porcelain



V3

Ceramic wall tiles 270 x 420 x 8mm



White NB18390



Bone NB18392



Grey NB18394

Ceramic overlap decor wall tiles 270 x 420 x 8mm



White NB18391



Bone NB18393



Grey NB18395

Ceramic wall tiles 300 x 600 x 10mm



White NB18378



Bone NB18380



Grey NB18382

Ceramic overlap decor wall tiles 300 x 600 x 10mm



White NB18379



Bone NB18381



Grey NB18383



Internal



Ceramic



V3



Marble Stone







# Marble Stone

Calacatta marble is a highly sought after look that adds sophistication to any decor, instantly increasing the perceived value of the interior. Available in matching indoor to outdoor tiles.

Porcelain paving 600 x 600 x 20mm



Calacatta NB17751

Porcelain floor and wall tile 600 x 600 x 10mm



Calacatta NB17750

Porcelain floor and wall mosaic 300 x 300 x 10mm



Calacatta NB17752



Chateau





Chateau

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# Chateau

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Chateau is the epitome of on-trend tile design, with a raw unfinished effect that showcases a rustic timber appearance in plank format to meet the design flair of today and future interiors. A porcelain range that represents tile manufacturing excellence.

Porcelain paving 1200 x 300 x 20mm



Wood Smoke NB17656



Wood Tobacco NB17657



Wood Cappuccino NB17658







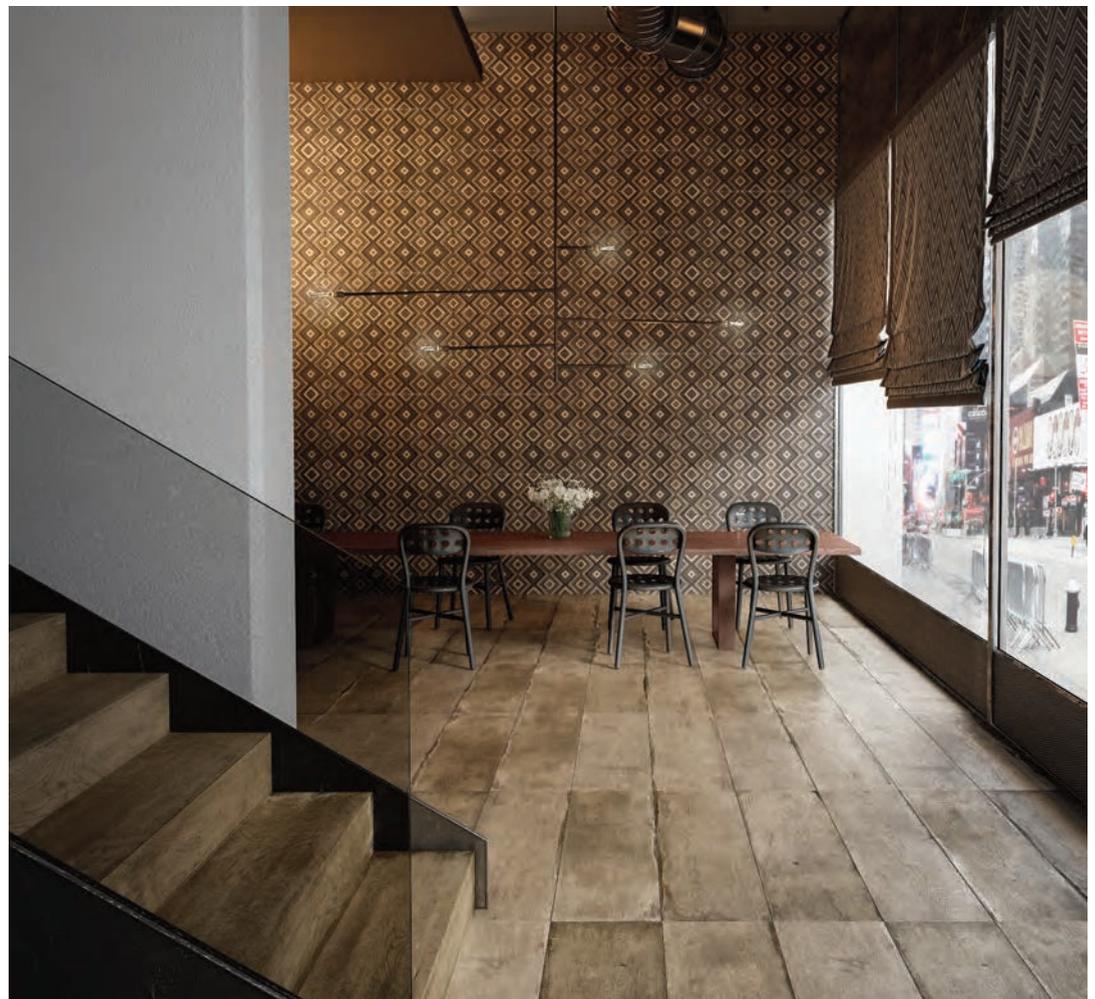
Chateau

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# Chateau

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# Chateau

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Porcelain wall and floor tile 1200 x 300 x 10mm (PTV 36+)



Wood Cotton NB17650

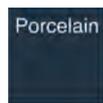


Wood Smoke NB17651

Porcelain wall and floor Decors 1200 x 300 x 10mm (PTV 36+)



Wood Printemps Decor NB17654





Wood Cappuccino NB17653



Wood Tabacco NB17652



Wood Automne Decor NB17655



Dolomiti





Dolomiti







# Dolomiti

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# Dolomiti

A dramatic porcelain stoneware collection which has a luxurious textured feel. The functional features that are consistent throughout this range blend perfectly with its sophisticated look.

Porcelain paving 1200 x 400 x 20mm



Calcite NB18312



Sabbia NB18313



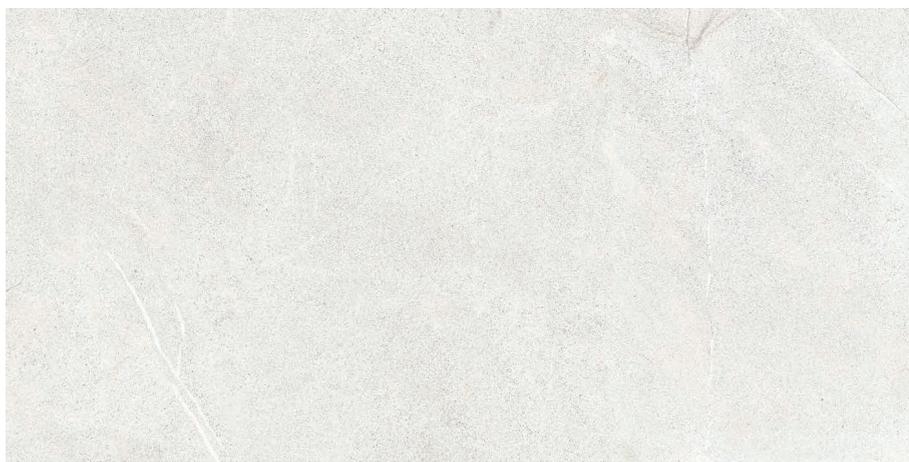
Cenere NB18314



Basalto NB18315



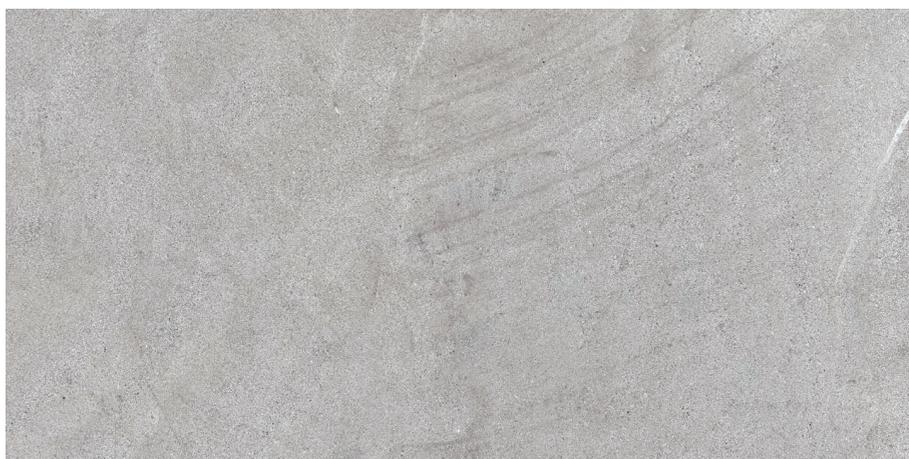
Porcelain wall and floor tile 1200 x 600 x 10mm



Calcite NB18308



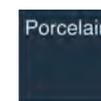
Sabbia NB18309



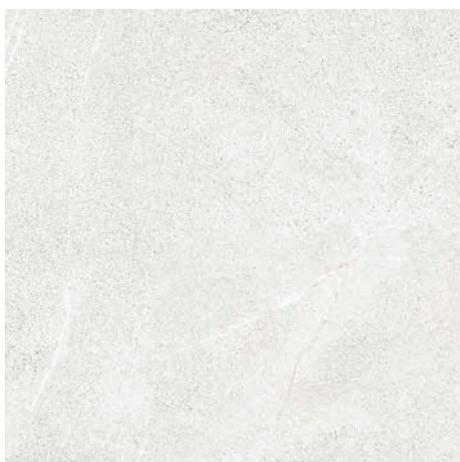
Cenere NB18310



Basalto NB18311



Porcelain wall and floor tile 600 x 600 x 10mm



Calcite NB18093



Sabbia NB18094



Cenere NB18095



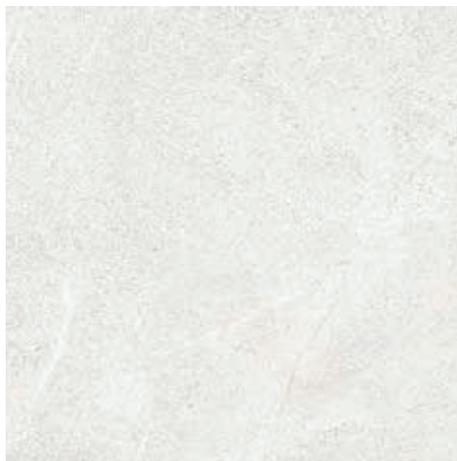
Basalto NB18096



# Dolomiti

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Polished porcelain wall and floor tile 600 x 600 x 10mm



Calcite NB18300



Sabbia NB18301



Cenere NB18302



Basalto NB18303

Polished porcelain wall and floor tile 300 x 600 x 10mm



Calcite NB18304



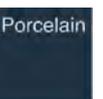
Sabbia NB18305



Cenere NB18306



Basalto NB18307



Wood Nature

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Wood Nature

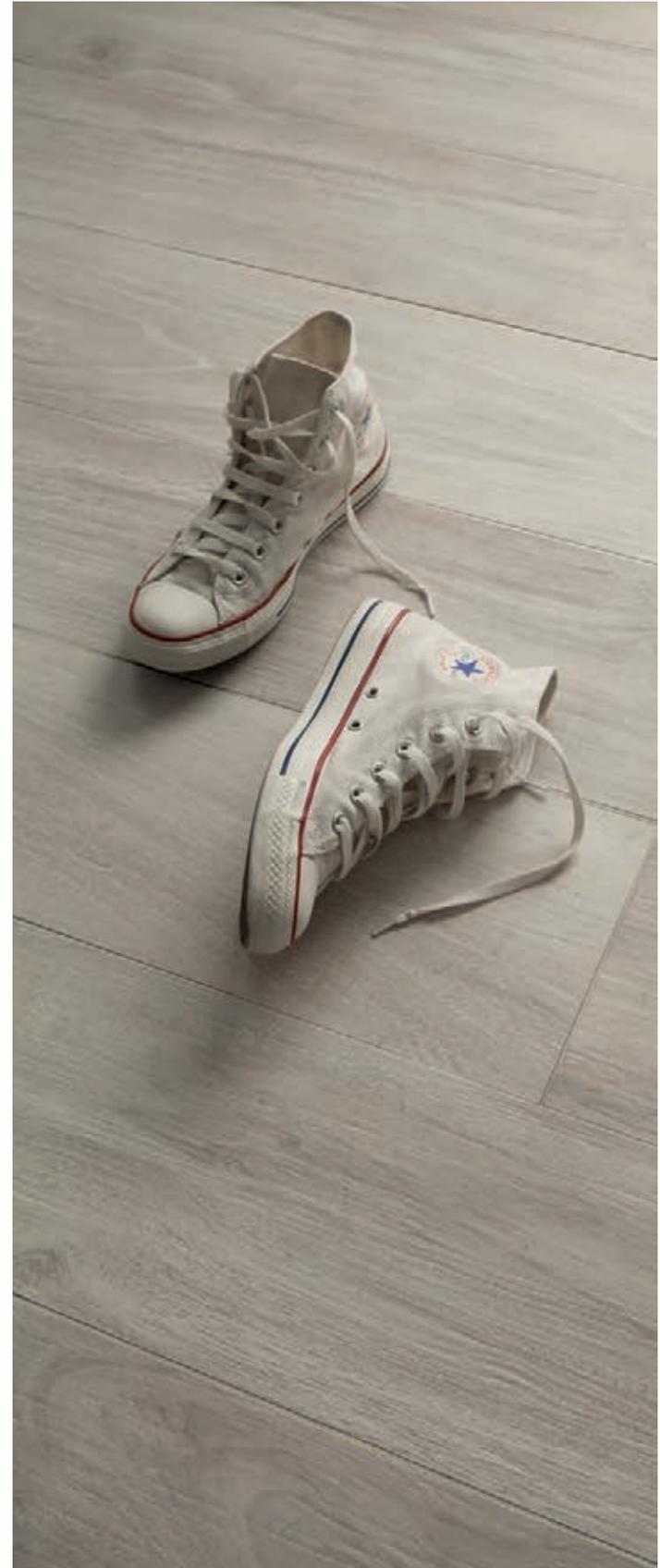






## Wood Nature

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# Wood Nature

An inspirational range of wood effect tiles that very closely replicates luxury real wood, such as Mahogany, yet attains the benefits of porcelain. Wood Nature is a highly flexible range that can be used on walls, floors and outdoors. Create a continuation of your living space from inside to your garden or patio area.

Porcelain paving 400 x 1200 x 20mm



Arara NB18145



Nawa NB18148



Kamba NB18146



Tuxa NB18149



Matis NB18147



Porcelain



Porcelain wall and floor tiles 200 x 1800 x 10mm



Arara NB18140



Kamba NB18141



Matis NB18142



Nawa NB18143



Tuxa NB18144



Land





Land





Land

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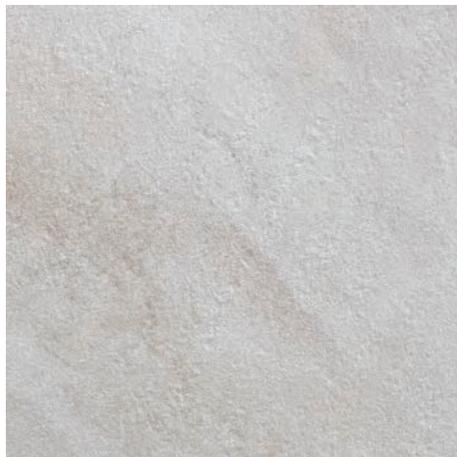




# Land

Our full bodied porcelain tiles reproduced in 5 different on-trend colours to highlight its rare beauty, both to the touch and in its mechanical and physical properties.

Porcelain paving 600 x 600 x 20mm



Warm White NB18425



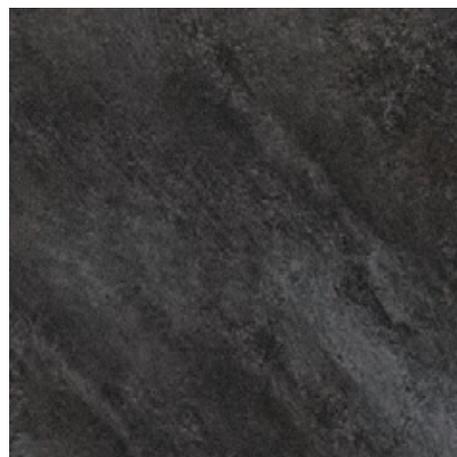
Light Grey NB18426



Beige NB18427



Dark Grey NB18428



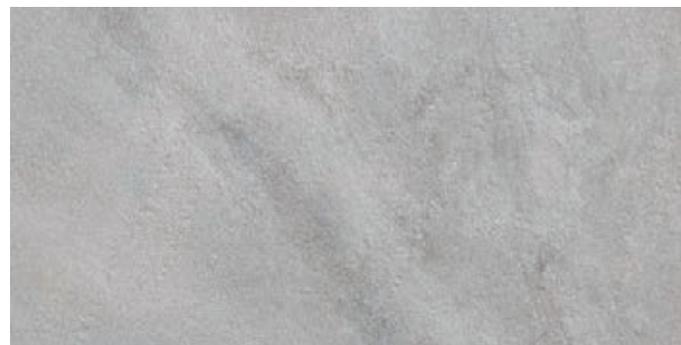
Black NB18429



Porcelain wall and floor tiles 450 x 900 x 10mm



Warm White NB18420



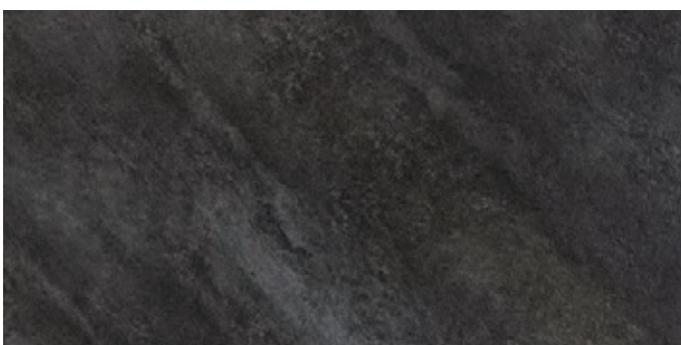
Light Grey NB18421



Beige NB18422



Dark Grey NB18423



Black NB18424



Internal



Porcelain



V3  
Slipresistent  
Verkeuren





Landscape

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Landscape





# Landscape

Landscape co-ordinates and extends the perceived living space from inside the home or commercial space to outdoors. and boasts superb functional and aesthetic qualities and characteristics. A comprehensive range with associated accessories for the creation of an impressive outdoor space.

Porcelain paving 600 x 600 x 20mm



Black Rectified NB18657



Mid Grey Rectified NB18656



Pearl Grey Rectified NB18655



Stone Rectified NB18658



Clay Rectified NB18659



Porcelain wall and floor tiles 590 x 590 x 10mm



Black Rectified NB18652



Mid Grey Rectified NB18651



Pearl Grey Rectified NB18650



Stone Rectified NB18653



Clay Rectified NB18654



# Landscape

For the ultimate flexibility, we offer clients a vast range of special pieces to complete an outdoor tiling project, regardless of the chosen installation method. The special pieces have been created to ensure continuity in the design, with complementing pieces that maintain a high level of technical characteristics and aesthetics. From drainage pieces and nosing's, to integrated lighting and angled borders, flexibility is at the heart of Landscape.

## Edge Nosings and Accessories



Integrated Light (Solar)



Pool Drainage



External Angle with Pool Drainage



Skirting Piece



150mm Edge Nosing



200 x 600mm Edge Nosing



300 x 600mm Edge Nosing



600 x 600mm Edge Nosing



Step External Angle Edge Nosing



External Angle Edge Nosing



Internal Angle Edge Nosing





# Vista

Vista has a lightly textured surface that is reminiscent of two natural stones, Sandstone and Multi Slate, both in warm tones that blend seamlessly into any outside environment.

Porcelain paving 600 x 600 x 20mm



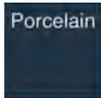
Sandstone NB17755



Multi - Slate NB17756



External



Porcelain



V3



# Parquet



Parquet has been designed with a high degree of shade variation and exposed wood effect making it a unique and sought after range in today's design community.

Porcelain floor tiles 100 x 700 x 10mm



Parquet Beige NB18565



Parquet Grey NB18566

Matching internal tiles 300 x 600 x 10mm available

# Surface



Surface is our most dynamic range that allows you to extend your existing spaces from room to room for a seamless environment throughout the home, office or commercial setting.

Porcelain floor tiles 300 x 600 x 10mm



Dark Graphite NB19003



Sand NB19001



Light Graphite NB19002



Warm White NB19000

Matching internal tiles 600 x 600/ 600 x 300 x 10mm available

# Diverse Slate



Diverse Slate uses state of the art digital reproduction techniques to create one of the most visually stunning tiles ever made. Taking its inspiration from the natural stone, Oyster Slate, each tile is designed to embody the look and feel of this stone, thus making each tile dramatically different.

Porcelain floor tiles 400 x 600 x 10mm



Multi-Finish NB19905

Matching internal tiles 175 x 500 x 10mm available

The featured 10mm ranges offer anti-slip surfaces that can be fixed to external surfaces\*.

All of the featured ranges achieve a UK pendulum rating of 36+ for peace of mind.

All of the ranges shown here have matching tiles for internal floor spaces

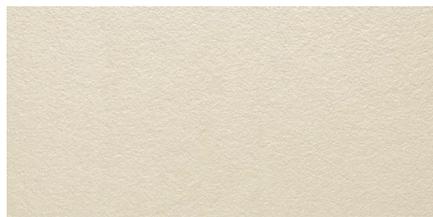
\*When fully bonded to a concrete slab/base

# Time



The Time range is our most comprehensive collection, enabling us to offer our clients choice and flexibility. Time is constructed of rectified full bodied double loaded, porcelain stoneware, with high level of technical characteristics offered in a blend of warm and cool tones.

## Porcelain floor tiles 300 x 600 x 10mm



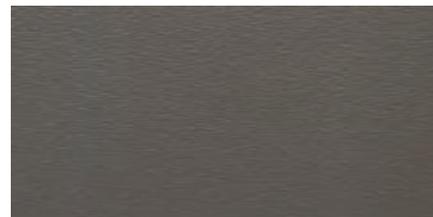
Snow NB18800



Cream NB18801



Beige NB18804



Carbon NB18805



Silver NB18802



Black NB18803

Matching internal natural and polished\* tiles in  
300 x 600 x 10mm - 600 x 600 x 10mm - 900 x 900 x 10mm and mosaic available.  
\*Polished tiles not suitable for external use.

## Porcelain floor tiles 600 x 600mm



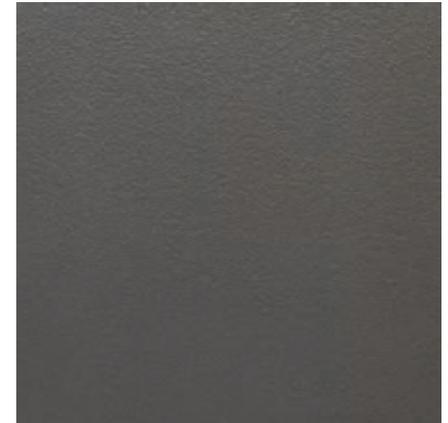
Snow NB18770



Cream NB18771



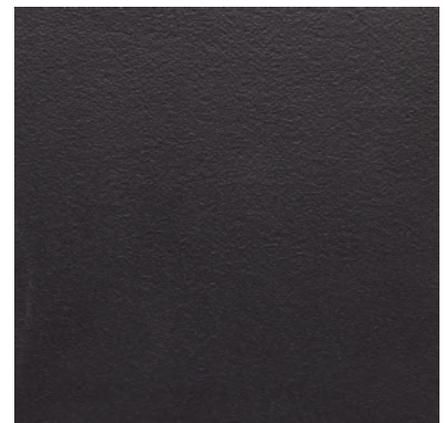
Beige NB18774



Carbon NB18775



Silver NB18772



Black NB18773

# Cityscape



On-trend through bodied porcelain tiles, closely replicating the varied nature of natural Quartzstone. Combine with mosaics to create a unique look.

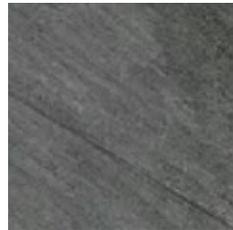
Porcelain floor tiles 300 x 300 x 10mm



Grey NB19256



Beige NB19259



Black NB19262

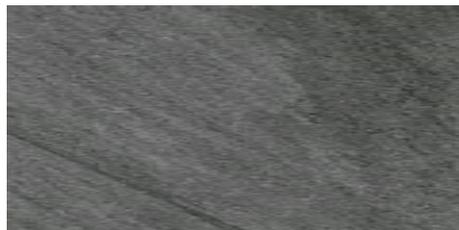
Porcelain floor tiles 300 x 600 x 10mm



Grey NB19296



Beige NB19297



Black NB19298

Matching internal tiles in 300 x 600 x 10mm and mosaic available.

# Wood Spirit



A hard wearing porcelain floor tile with the beautifully diverse nature of real wood. Wood Spirit uses the latest in manufacturing technology to create the perfect replication of wood with high definition detail. The three contemporary colours blend perfectly into the series.

Porcelain floor tiles 200 x 1140 x 10mm



Ash NB18935



Oak NB18936



Teak NB18937

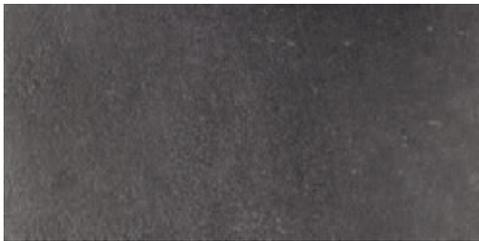
Matching internal 200 x 1140 x 10mm available.

# Progress



Progress is a comprehensive porcelain range of wall and floor tiles, with complementing mosaics made up by 6 cool and warm on-trend colours. Maximise the sense of space in a wet room with this oversized porcelain tile to create visually unified and sophisticated interiors.

## Porcelain floor tiles 443 x 888 x 10mm



Black Natural NB189823



Dark Grey Natural NB18982



Silver Grey Natural NB18980



Alabaster Natural NB18978



Stone Natural NB18979



Clay Natural NB18981

Matching internal 443 x 888 x 10mm available.

# Alpine



Alpine consists of a natural pure stone look. With delicate and smart colours, this range enables you to create an extremely modern contemporary design.

## Porcelain wall and floor tiles 295 x 590 x 10mm



Alpine Hielo NB18432



Alpine Gris NB18433

## Porcelain wall and floor tiles 590 x 590 x 10mm



Alpine Hielo NB18430



Alpine Gris NB18431

Matching mosaic options available.

# which method should I use...

Our Alfresco Porcelain Paving collection has been designed with high performance technical characteristics that make it the ideal solution for indoor to outdoor flooring option.

The versatility of the collection means that you can design your outdoor space to your desire. Create tiled stepping stones in gravel or grass that helps to direct people along a path or perhaps you want a solution to sloping ground that can be levelled off to create a more even, usable surface using our raised height pedestal system.

Balconies and roof terraces are easily transformed using the Nicobond Terra Level Pedestal System for raised floors.

Whatever your project requirements, our Alfresco Porcelain Paving collection is the perfect solution to open up the imagination and create a bespoke space that is attractive and practical to use.



**RAISED**



**BONDED**





**SOIL**



**GRAVEL**



**GRASS**

# Raised floor with pedestal system

The Nicobond Terra Level Pedestal System offers an innovative solution for a stable, high-quality and long term fixing of raised floors using 20mm porcelain tiles. This is the ideal system for patios, balconies and other exterior living spaces in both domestic and commercial projects. It's fast, easy to install and cost effective.



TL1  
1cm stackable  
tile support



TL2  
3cm stackable  
block



TL3  
1mm stackable  
adjusting shim

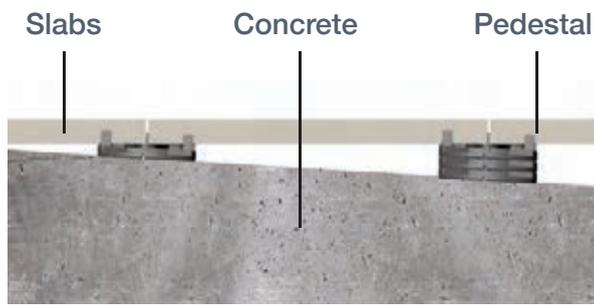


TL4  
6-13mm stackable  
adjustable tile  
support

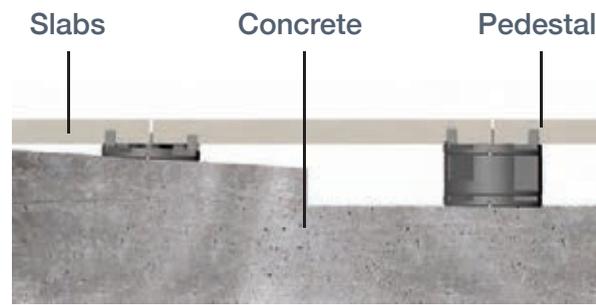


TL5 / TL6  
14-103cm  
coupling support  
and 100cm tube

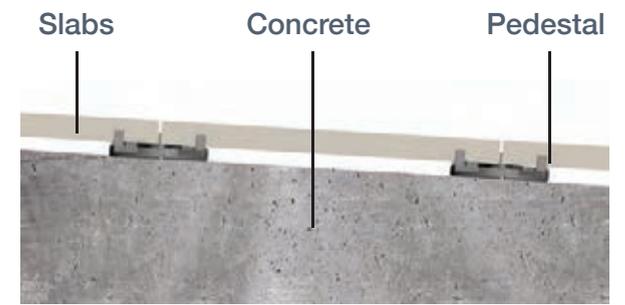




Correcting a slope



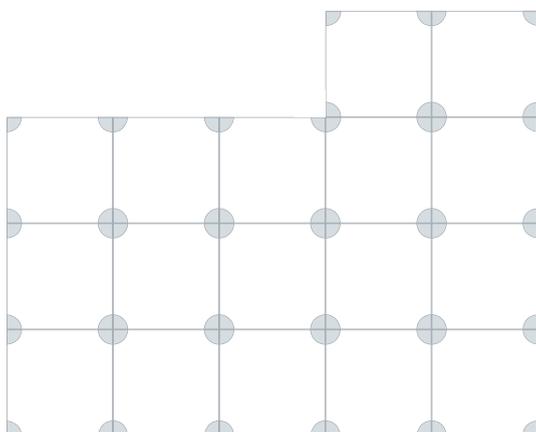
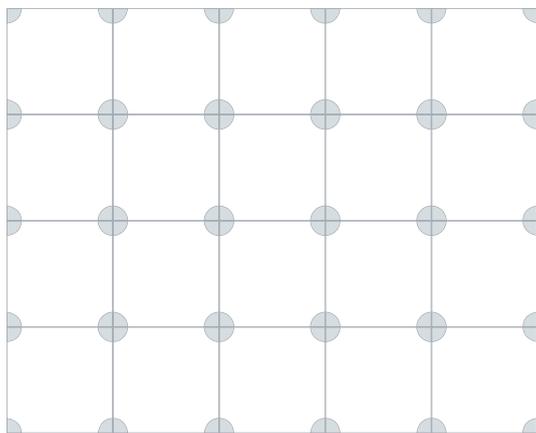
Correcting a stepped area



Following a slope



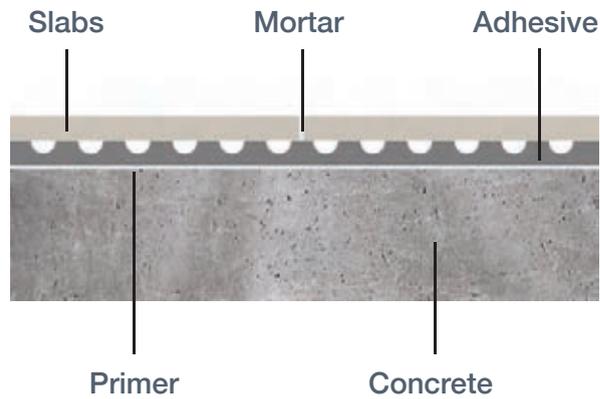
### Layouts examples



### Features & Benefits

- Easy to use as only 6 items within the system
- Ability to raise a floor 1cm to 103cm above existing floor level
- Versatile as contractor can construct the pedestal onsite to the correct height
- Clean to use as no adhesive required
- Quick so reduces labour time
- Can be fitted in all seasons
- Superior stability of the system
- No fixings required to secure the system
- Run utilities and drainage pipes under the raised floor
- Flow of air under raised floor helps avoid stagnant water collection under the floor
- No need to grout, so allows water to be drained without falls built in
- Exterior areas can be levelled to internal floors without breaching building regulations due to drainage
- If the substrate “flexes” or “expands/ contracts”, the system “moves” with it, so no cracking tiles or grout joints
- Use the system to the existing flow or a slope can be corrected
- Slopes of up to 10° can be compensated for using 1mm shims
- Floors can be corrected at any time if the substrate moves using 1mm shims
- Tiles can be removed at any time with a slab lifter
- Manufactured from high quality, high strength plastic composite

# Bonded with adhesive



1

Ensure the concrete slab is fully cured, flat and clean

2

If the base is porous, prime with diluted Nicobond Primer in ratio 4 volumes of water to 1 volume of Nicobond Primer and allow to dry

3

Apply a layer of adhesive 4mm up to 30mm thick onto the base using a Nicobond 20mm Half Round Notched Trowel or Nicobond Large Format Floor Trowel

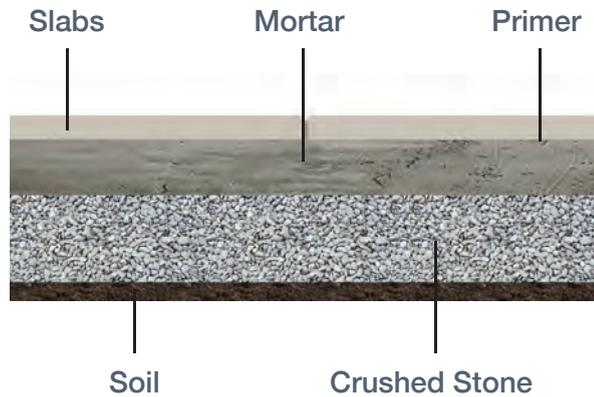
4

Place the tiles into the wet adhesive using a slight sliding action to ensure solid bedding of the tiles.

5

Fill the joints with Nicobond Flexible Grout Plus

# Laying on soil



1

1 Ensure the area you wish to pave is firm, level and well drained.

2

2 Mark the area with spray paint.

3

3 Remove the soil and vegetation from the marked out area to a minimum depth of 145mm.

4

4 Using string lines for measuring and creating falls, compact the area using a garden roller or tamper.

5

5 Fill with a 50mm layer of sub-base material (40mm dust crushed stone). Repeat until a depth of 100mm has been achieved. Check fall is suitable for water runoff

(Note: the finished surface must be a minimum of 150mm below the damp proof course of the building which must be taken into consideration when calculating depth in step 3)

6

6 Mix four parts sharp sand to 1 part cement and water to make a suitable consistency wet mortar

7

7 Add a full mortar bed and level off to approximately 30mm thick

8

8 Prime the rear of the tiles with a slurry prime (1 part water: 1 part Nicobond Rapidflex Adhesive: 1 part Nicobond Enhancer)

9

9 Bed the 2cm porcelain paving into the mortar, tapping lightly with a rubber mallet, checking levels as the area is tiled

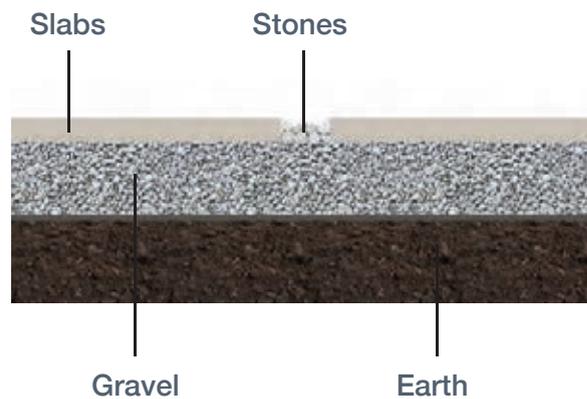
10

10 Once cured, grout the joints using Nicobond Flexible Grout Plus, compress the grout using grout float. Clean of the grout and leave to cure.



# Laying on gravel/sand

Laying on gravel



Laying on sand



Laying on gravel

**1**

Mark out the area where the 2cm porcelain paving tiles are to be laid

**2**

Remove the soil and vegetation to a depth of 5cm

**3**

Add a layer of fine gravel, spread evenly and compact

**4**

Lay the 2cm porcelain tiles onto the gravel and tap into place with a rubber mallet

**5**

If using open joints, complete the job by adding suitably sized stones between the tiles to achieve the desired finish

Laying on sand

**1**

Mark out the area where the 2cm porcelain paving tiles are to be laid

**2**

Water the area until the sand becomes a dense consistency

**3**

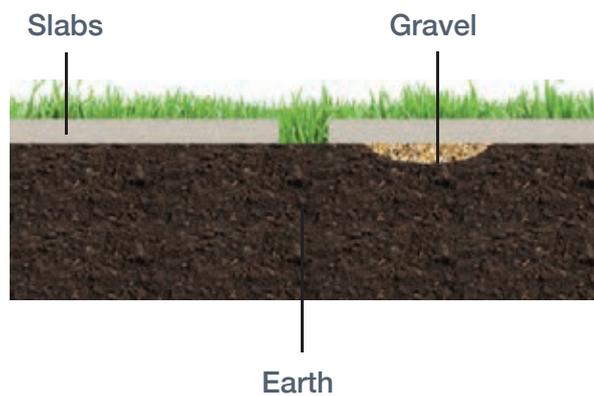
Compact the sand using a garden roller or tamper

**4**

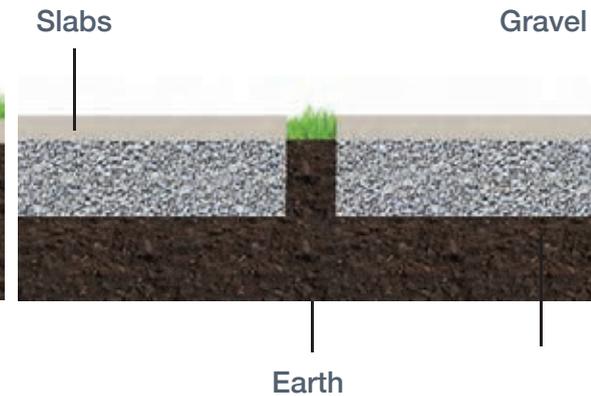
Lay the 2cm porcelain tiles and tap into place using a rubber mallet

# Laying on grass

Laying on Grass – Raised



Laying on Grass – Level



Laying on Grass – Raised

1

If the grass surface is flat, simply set out the slabs in the desired pattern.

2

If the surface is slightly uneven, spread fine gravel or sand in hollows to level the surface

3

Lay the 2cm porcelain tiles and tap into place using a rubber mallet

Laying on Grass – Level

1

Mark out the area where the 2cm porcelain paving tiles are to be laid

2

Remove the soil and vegetation to a depth of 5cm

3

Add a layer of fine gravel, spread evenly and compact until a 3cm layer is achieved.

4

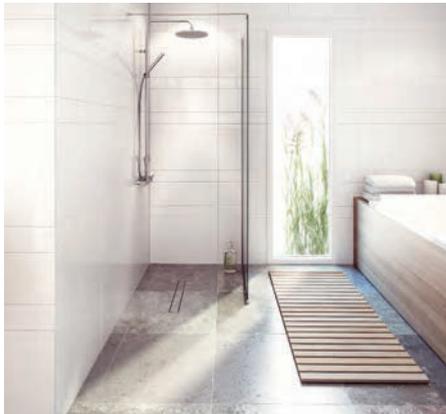
Lay the 2cm porcelain tiles and tap into place using a rubber mallet until level with the surface of the grass





Making the most of outdoor spaces...

# Total Solution *provider*



## WET ROOMS

As manufacturers of the complete system, N&C offer every component required to create a stylish, level access showering environment.



## ADHESIVES

We manufacture innovative, high performance adhesives, grouts and tiling systems through our Nicobond brand, within our UK based factory.



## GLASS & GLAZING

As the UK's leading independent supplier of commercial and domestic glass and glazing products, we can offer unrivalled solutions at competitive prices.



## IRONMONGERY

As Ironmongers since 1875, and as part of the Guild of Architectural Ironmongers, we specialise in everything required in washrooms



## FLOORING

As leading manufacturers, we provide quality materials for required safety flooring, such as Altro, vinyl tiles and screeds.



## BATHS

From contemporary to classic, we have a broad collection of baths in a range of shapes and styles perfect for hotels.



## INDEPENDENT LIVING

Through our Phlexicare brand, N&C are leading manufacturers and distributors of independent living solutions designed for people with all levels of abilities, covering accessible showering, multi user kitchens and more.



## DECORATING

Our builders merchant division offers all the popular trade brands for decorators and building professionals.

The colours shown within this catalogue are as accurate as the limitations of the printing process will allow. The images of tiles shown in this catalogue are representative of the product but are not necessarily to scale.

Print cannot reproduce a true likeness of colour, tone or texture. Reference to a sample is essential.

Contact your local branch or Sales Representative for dedicated literature. Alternatively, visit [www.nichollsandclarke.com/downloads](http://www.nichollsandclarke.com/downloads).

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**Romford**, Essex RM8 1SP  
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