



# BELLEZA PORCELANA

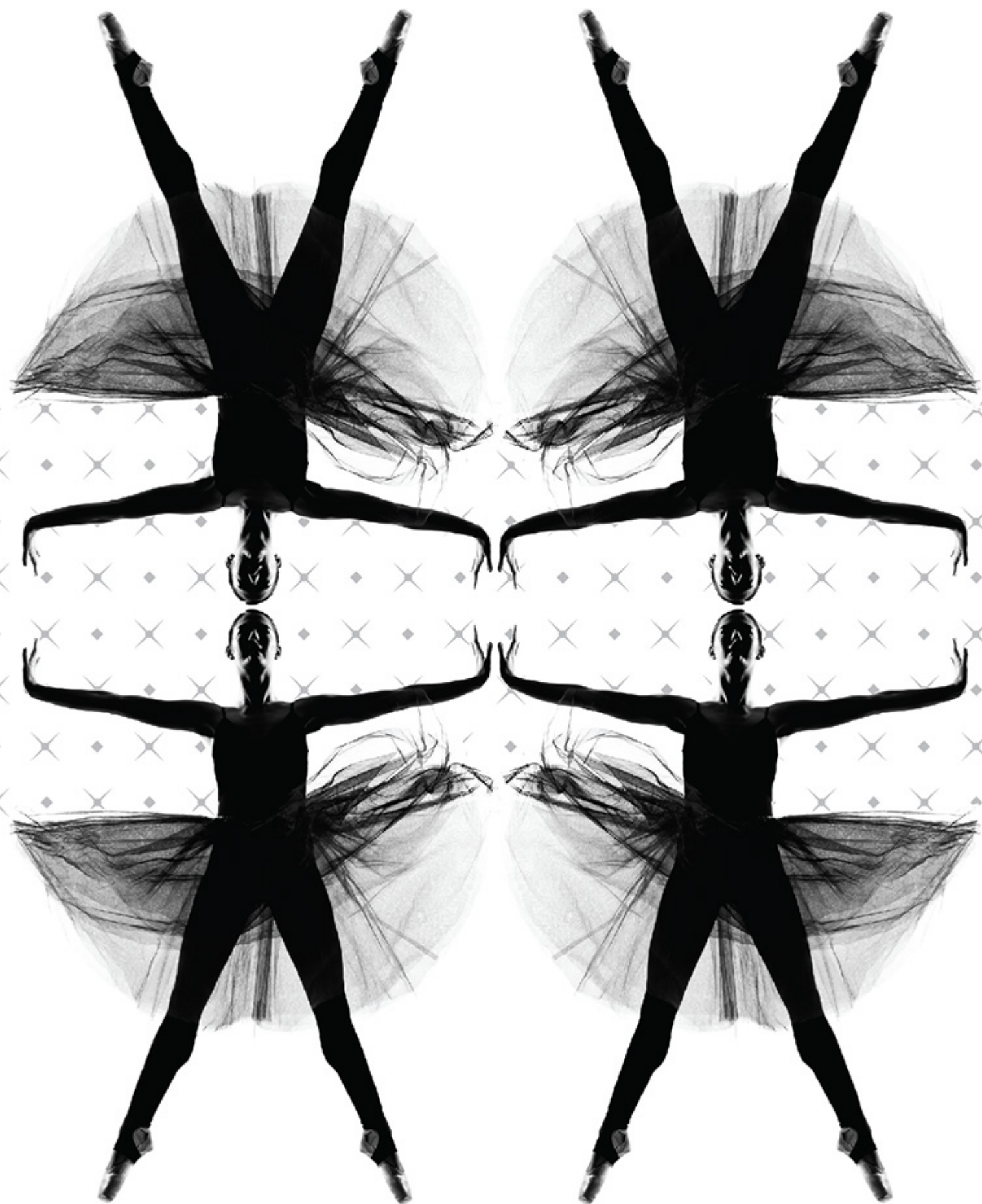
× • × BRILLIANT SHINE × • ×



**NIRO GRANITE**  
THE SWISS QUALITY TILE

**digital**  
PORCELAIN TILES TOWARDS PERFECTION





# BELLEZA PORCELANA

× • × BRILLIANT SHINE × • ×

Belleza Porcelana from Niro Granite is a polished design collection that offers a dazzling shine for the walls and floors of every home. The collection comes in two sizes of 40x80cm and 80x80cm, and is available in three exclusive designs – Calacatta White, Burbon Beige and Sandstone.

The classic Calacatta design is based on one of the oldest types of Italian marble that comes from a place called Carrara. While the Burbon Beige and the sedimentary rock of Sandstone collections, with their cross cut and Onyx designs, are perfect for a cosy urban interior room setting and give any architectural space a sense of luxurious elegance.





# CALACATTA WHITE

GBP10

The classic Calacatta design is one of the oldest types of Italian marble, originating from a place called Carrara in Tuscany. If you crave for a classic and timeless elegance that's suitable for any space or setting, then Calacatta, with its bluish grey veins in cool white stone, is the one to choose.

**BELLEZA  
PORCELANA**

× × BRILLIANT SHINE × ×

\* FLOOR | CALACATTA WHITE GBP10 Polished 80x80cm / WALL | CALACATTA WHITE GBP10 Polished 80x40cm  
\* suitable for residential only.



# CALACATTA WHITE

GBP10

SURFACE AVAILABLE  
polished

SIZE AVAILABLE  
80x80cm  
40x80cm



WALL | CALACATTA WHITE GBP10 Polished 80x40cm

**BELLEZA  
PORCELANA**  
× × BRILLIANT SHINE × ×



# BURBON BEIGE

GBP20

The design of Bourbon Beige is a fusion of limestone and Onyx. Limestone is an organic sedimentary rock, formed by layers of fossils and compressed to form a solid rock. Onyx, meanwhile, features bands of quartz and moganite. Put the two together and you get the elegant Bourbon Beige, perfect for giving any room an expensive and luxurious feel.

**BELLEZA  
PORCELANA**  
• • • BRILLIANT SHINE • • •



# BURBON BEIGE

GBP20

SURFACE AVAILABLE  
polished

SIZE AVAILABLE  
80x80cm  
40x80cm



WALL | BURBON BEIGE GBP20 Polished 80x40cm



**BELLEZA  
PORCELANA**  
× × BRILLIANT SHINE × ×



# SANDSTONE

GBP30

The Sandstone is an original design using the sedimentary rock of the same name, which consists of sand-size fragments of feldspar and quartz. The effect is achieved when the stone is cut across its main grain. The Sandstone design of Belleza Porcelana is perfect for any urban interior room setting.

**BELLEZA  
PORCELANA**

• • BRILLIANT SHINE • •

FLOOR | SANDSTONE GBP30 Polished 80x80cm / WALL | SANDSTONE GBP30 Polished 80x40cm  
suitable for residential only.



# SANDSTONE

GBP30

SURFACE AVAILABLE  
polished

SIZE AVAILABLE  
80x80cm  
40x80cm



• FLOOR | SANDSTONE GBP30 Polished 80x80cm  
• suitable for residential only.



**BELLEZA  
PORCELANA**  
× • × BRILLIANT SHINE × • ×



# TECHNICAL SPECIFICATIONS

| Description  | Standard Test  | Measurement Unit        | ISO Standard Requirement                     | NIRO GRANITE                              |
|--|--|-------------------------|--|---|
| Length & Width   | MS ISO 10545 - 2   | mm                      | ± 0.5% Max                                   | ± 0.25% Max                               |
| Thickness  | MS ISO 10545 - 2   | mm                      | ± 5.0% Max                                   | ± 2.50% Max                               |
| Sides Straightness   | MS ISO 10545 - 2   | mm                      | ± 0.5% Max                                   | ± 0.25% Max                               |
| Rectangularity   | MS ISO 10545 - 2   | mm                      | ± 0.6% Max                                   | ± 0.30% Max                               |
| Flatness: a) Centre Curvature<br>b) Edge Curvature<br>c) Warpage | MS ISO 10545 - 2<br>MS ISO 10545 - 2<br>MS ISO 10545 - 2 | mm<br>mm<br>mm          | ± 0.5% Max<br>± 0.5% Max<br>± 0.5% Max       | ± 0.25% Max<br>± 0.25% Max<br>± 0.25% Max |
| Surface Quality  | MS ISO 10545 - 2   | One major area of tiles | ≥ 95% free from visible defect               | Comply                                    |
| Water Absorption   | MS ISO 10545 - 3   | Mass                    | ≤ 0.5%                                       | ≤ 0.25% Max                               |
| Modulus of Rupture   | MS ISO 10545 - 4   | N/mm <sup>2</sup>       | ≥ 35 N/mm <sup>2</sup>                       | ≥ 35 N/mm <sup>2</sup>                    |
| Deep Abrasion  | MS ISO 10545 - 6   | mm <sup>3</sup>         | ≤ 175 mm <sup>3</sup>                        | ≤ 160 mm <sup>3</sup>                     |
| Surface Abrasion PEI ASTM C1027                                  | MS ISO 10545 - 7   | Visual Check            | Manuf. to State Abrasion Class, Cycle Passed | Min PEI 3                                 |
| Crazing Test   | MS ISO 10545 - 11  | Visual Check            | Not Applicable for porcelain tiles           | Not Applicable                            |
| Frost Resistance   | MS ISO 10545 - 12  | Visual Check            | Required                                     | No Visible Crack                          |
| Chemical Resistance (Low Cons.)                                  | MS ISO 10545 - 13  | Visual Check            | Manuf. to State                              | Max Visible Change On Cut Side            |
| Chemical Resistance (Household/Swimming Pool)                    | MS ISO 10545 - 13  | Visual Check            | Max Visible Change On Cut Side               | Max Visible Change On Cut Side            |
| Stain Resistance   | MS ISO 10545 - 14  | Visual Check            | Class 3 Min                                  | Class 3 Min                               |
| Coefficient of Friction AS/NZS 4586-1999 App.D.                  | MS ISO 10545 - 17  | Manuf. to State         | Manuf. to State                              | Oil /Wet Ramp (R9 Min)                    |

Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

Colour Variations: Since the colour reproduction in this printed piece will vary from the actual tile colours, final selection should be made from tile samples. Colour, shade and glaze variations may exist due to the inherent characteristics of porcelain tile.



Due to the low porosity of porcelain tiles, an Improved High Performance Cementitious adhesive in accordance to BS EN 12004 & ISO 13007-1 is highly recommended for proper installation. Products that meet this standard are available amongst leading adhesive manufacturers. Please seek expert advice from adhesive manufacturers for proper selection and application.

## SHADE AND TONALITIES

|   |  |  |   |
|---|--|--|---|
|  <b>V1</b><br>UNIFORM<br>FROM TILE TO TILE   |  <b>V2</b><br>SLIGHTLY NOTICEABLE<br>FROM TILE TO TILE  |  <b>V3</b><br>MODERATELY NOTICEABLE<br>FROM TILE TO TILE  |  <b>V4</b><br>DISTINCTLY NOTICEABLE<br>FROM TILE TO TILE   |
|  <b>V1</b><br>Uniform from tile to tile<br>The range of colours and tones within the same shade is relatively uniform from tile to tile. Minimal to no difference among pieces from the same production run. |  <b>V2</b><br>Slightly noticeable from tile to tile<br>The range of colours and tones within the same shade is slightly noticeable from tile to tile. Clearly distinguishable differences in design or pattern with similar or slight change in colour tones. |  <b>V3</b><br>Moderately noticeable from tile to tile<br>The range of colours and tones within the same shade is moderately noticeable from tile to tile. Clearly distinguishable differences in design or pattern. |  <b>V4</b><br>Distinctly noticeable from tile to tile<br>The range of colours and tones within the same shade is distinctly different from tile to tile. Random colour differences from tile to tile, so that one tile may have totally different colour from that of other tiles. Final installation can be unique. |



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