



↑ N O R D I K S T O N E

 **NIRO GRANITE**  
THE SWISS-QUALITY TILE

Coloured body full vitrified porcelain tiles.

## N O R D I K   S T O N E

The beauty of natural stones and with the high performance of a through-body porcelain tile, Niro Granite unveils the Nordik Stone series.

A material with random effect of natural stone makes it suitable for residential and commercial application, both indoors and outdoors and including bathrooms and kitchens.

The Nordik Stone is available in natural stone colours of Blizzard, Bora, Fohn, Kosawa and Mistral, format of 60x60cm and 60x30cm in natural rock surface for anti-slip effects.

Beautiful crafted mosaic to give a modern lifestyle interior design solutions for your floors and walls.



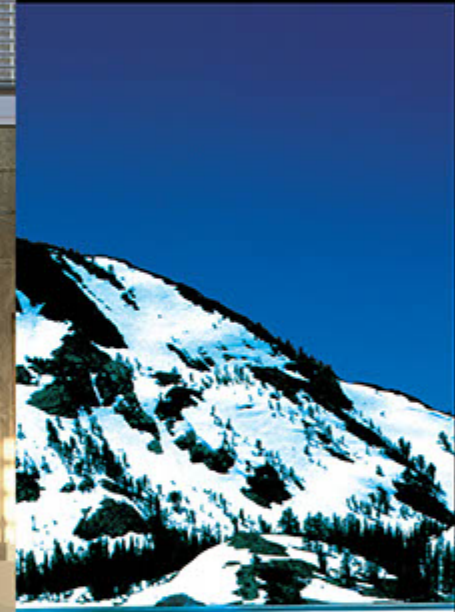
↑ NORDIK STONE

Coloured body full vitrified porcelain tiles.

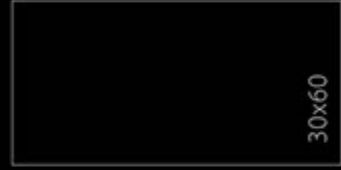
↓ GSN03 Fohn 30x60cm



60x30



① GSN02 Bora 30x60cm



① N O R D I K S T O N E



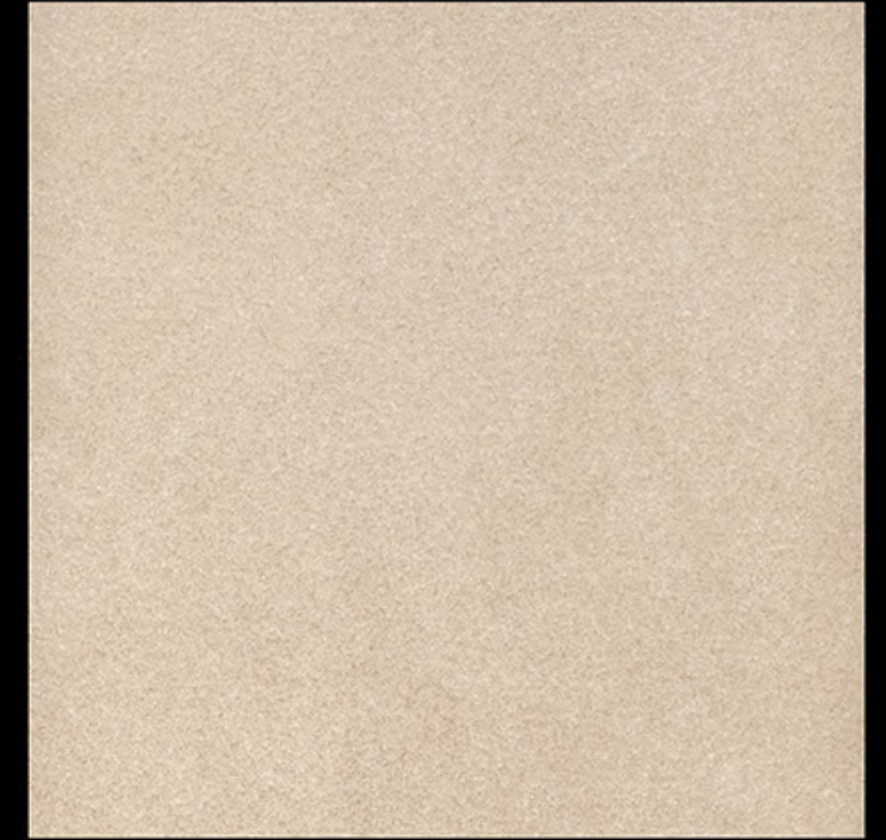
Coloured body full vitrified porcelain tiles.

① GSN01 Blizzard mosaic 30x30cm





① GSN04 Kosawa 60x60cm



① NORDIK STONE





Coloured body full vitrified porcelain tiles.

Format: 60 x 30 cm. 60 x 60 cm. Mosaic 30 x 30 cm.

Coloured body full vitrified porcelain tiles.

↑ **GSN05 Mistral** 60x30cm

↑ **NORDIK STONE**



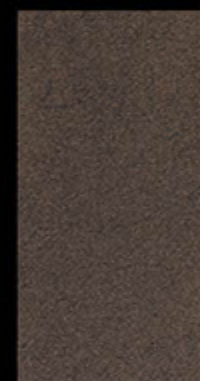
↓ **BLIZZARD** GSN01

↓ **BORA** GSN02

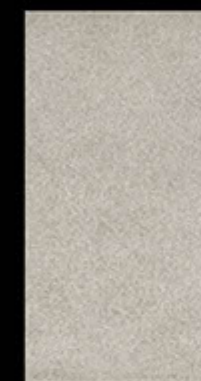
↓ **FOHN** GSN03

↓ **KOSAWA** GSN04

↓ **MISTRAL** GSN05



Blizzard 30x60cm



Bora 30x60cm



Fohn 30x60cm



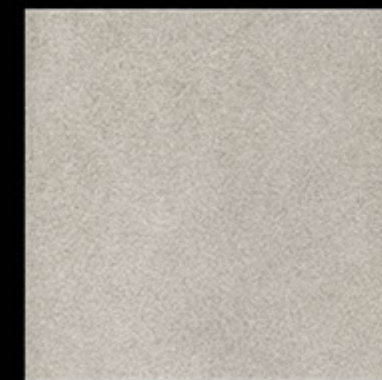
Kosawa 30x60cm



Mistral 30x60cm



Blizzard 60x60cm



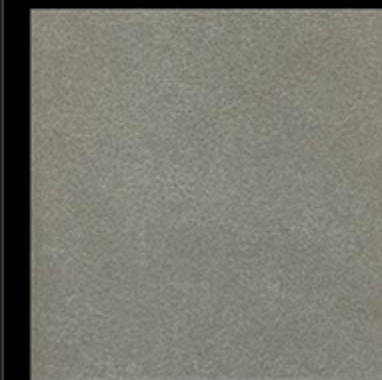
Bora 60x60cm



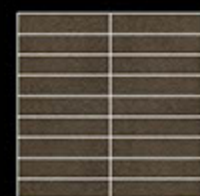
Fohn 60x60cm



Kosawa 60x60cm



Mistral 60x60cm



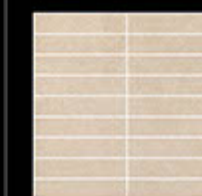
Blizzard Mosaic 30x30cm



Bora Mosaic 30x30cm



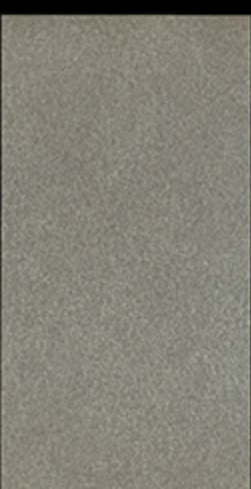
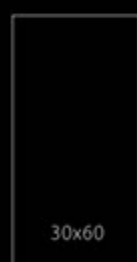
Fohn Mosaic 30x30cm



Kosawa Mosaic 30x30cm



Mistral Mosaic 30x30cm



↑ **NORDIK STONE**

# 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)                    |





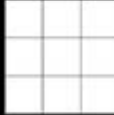
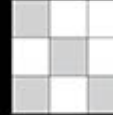

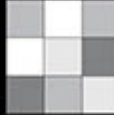
Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

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

