# Kierrastone



JAPAN CERAMICS

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## COLOURS, FORMATS & FINISHES



**Matt | P3**

| | White | Grey | Ash |
|---|---|---|---|
| 600 x 600mm | ● | ● | ● |
| 450 x 450mm | ● | ● | ● |
| 300 x 600mm | ● | ● | ● |
| 300 x 300mm | ● | ● | ● |

**Textured | P5**

| | | | |
|---|---|---|---|
| 600 x 600mm | ● | ● | ● |
| 450 x 450mm | ● | ● | ● |

FINISH: **MATT** | CATEGORY: GLAZED FLOOR TILES | EDGE DETAIL: UNRECTIFIED | V RATING: V2
FINISH: **TEXTURED** | CATEGORY: GLAZED FLOOR TILES | EDGE DETAIL: UNRECTIFIED | V RATING: V2








450 x 450mm
KIEWH45 (matt)
KIEWH45T (textured)



300 x 600mm
KIEWH36 (matt)



600 x 600mm
KIEWH60 (matt)
KIEWH60T (textured)






450 x 450mm
KIEGY45 (matt)
KIEGY45T (textured)



300 x 600mm
KIEWH36 (matt)



600 x 600mm
KIEWH60 (matt)
KIEWH60T (textured)

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450 x 450mm
KIEAS45 (matt)
KIEAS45T (textured)



600 x 600mm
KIEAS60 (matt)
KIEAS60T (textured)



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# Technical Specifications

| Properties | Test Method | Required Value | Value | Applies to |
|---|---|---|---|---|
| Water absorption | ISO 10545-3 | ⩽ 0.5% | ⩽ 3% | All finishes |
| Determination of dimensions | ISO 10545-2 | Length and width ± 0.5% Thickness ± 5.00% Edge straightness ± 0.5% Surface flatness ± 5% | Length and width 0.5% Thickness 5.0% Edge straightness 0.6% Surface flatness 0.5% | All finishes |
| Breaking strength | ISO 10545-4 | ⩾ 1300 N | 2184 N | All finishes |
| Abrasion resistance | ISO 10545-6 | Class 3 mi | Complies with standards | All finishes |
| Slip resistance (wet pendulum test) | Wet pendulum test | N/A | P2 – Matt 300 x 600, 450 x450 and 600 x 600<br>P3 – Matt 300 x 300<br>P5 – Textured | Matt,<br>Textured |
| Chemical resistance | ISO 10545-13 | GB min. | Complies with standards | All finishes |
| Stain resistance | ISO 10545-14 | Class 3 min. | Complies with standards | All finishes |
| Origin | N/A | N/A | Australia | Full range |
| Shade variation | N/A | N/A | V2 | Full range |



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# Packing Information

| Tile Description | | Quantity per Box | Quantity per m2 | | Quantity per Pallet | |
|---|---|---|---|---|---|---|
| Size (mm) | Finish | Pieces | Pieces | Weight | m2 | Boxes |
| 300 x 600 | Matt | 8 | 5.56 | 20.00kg | 69.12 | 48 |
| 450 x 450 | Matt Textured | 7 | 4.93 | 16.74kg | 113.60 | 80 |
| 600 x 600 | Matt Textured | 4 | 2.78 | 19.97kg | 69.12 | 48 |



*The data and information contained in these specification sheets are indicative only unless stated otherwise. As Japan Ceramics cannot control the conditions under which these products are manufactured, the specifications supplied should be considered as suggested guidelines only and are subject to batch variation. The information contained in these specification sheets should not be considered a warranty, expressed or implied, including, but not limited to, a warranty of merchantability or fitness for a particular purpose. To the maximum extent permitted by law, ColorTile will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given in respect of any specification provided herein other than those that cannot be excluded under the Australian Consumer Law.*

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**IMPORTANT NOTE:**

**Slip ratings are indicative only. Actual performance may vary depending on installation, surface conditions, and maintenance.**

# Slip Test Report – Batch Certification

National Ceramic Industries Australia Pty Ltd, ABN: 83 100 467 267

175 Racecourse Rd, Rutherford NSW 2320, Australia, Tel: +61 2 4931 8400 Fax: +61 2 4931 8499, www.ncia.com.au

**Slip Resistance Classification of New Pedestrian Surfaces Materials Australia Standard AS 4586:2013 Appendix A (Wet Pendulum Test Method)**

| **Production Year** | 2025 | **Test Sheet No:** | Batch Test | **Issue Date** | 27/08/2025 |
|---|---|---|---|---|---|

**Testing was conducted using a 96 rubber slider in accordance with the above Standard.**
**Slider was prepared/conducted using P400C paper and 3 µm lapping film**

| Code/s | Tile Name/s | Tile Size (cm) | Test Location | Cleaning Pre-testing | Results | Classification of Pedestrian Surfaces Materials according to the above Standard |
|---|---|---|---|---|---|---|
| ZKI1045A | Kierrastone White | 45X45 | Tile Surface | Water & Scrubbing | Recorded | P3 |
| ZKI2045A | Kierrastone Grey | 45X45 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI2145A | Kierrastone Ash | 45X45 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI8045A | Kierrastone Charcoal | 45X45 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI1055A | Kierrastone White | 30X60 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI2055A | Kierrastone Grey | 30X60 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI2155A | Kierrastone Ash | 30X60 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI8055A | Kierrastone Charcoal | 30X60 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI1060A | Kierrastone White | 60X60 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI2060A | Kierrastone Grey | 60X60 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI2160A | Kierrastone Ash | 60X60 | Tile Surface | Water & Scrubbing | Recorded | |
| ZKI8060A | Kierrastone Charcoal | 60X60 | Tile Surface | Water & Scrubbing | Recorded | |
| Temperature (indoor) | 20.8°C | | | | | |
| Testing Instrument | Pendulum Friction Tester, Calibration Date: 24 June 2024 | | | National Ceramic Industries Australia Pty Ltd | | |
| Reporting Officer | Hong Lu | | | NCIA Tiles Testing Laboratory | | |

**IMPORTANT NOTE:**
**Slip ratings are indicative only. Actual performance may vary depending on installation, surface conditions, and maintenance.**

# KIERRASTONE RANGE

## BPNP5Slip Resistance

## 450x450

## Glazed Porcelain - Slip Resistant Finish P5 (Standard Application)



**WET PENDULUM TEST**

| **SLIPRESISTANCE REPORT** | **AS 4586-2013** |
|---|---|

CLASSIFICATION OFPEDESTRIANSURFACE MATERIALS ACCORDING
TO
AS 4586 - 2013 WETPENDULUM TEST

| Class | Slider 96 (4S) | Slider 55 | Old Class |
|---|---|---|---|
| P5 | >54 | >44 | V |
| P4 | 45-54 | 40-44 | W |
| P3 | 35-44 | 35-39 | X |
| P2 | 25-34 | 20-34 | Y |
| P1 | 12 - 24 | <20 | Z |
| P0 | <12 | | Z |

NATIONAL CERAMIC INDUSTRIES AUSTRALIA

175 Racecourse Road, Rutherford, NSW, 2320.