

TECHNICAL REPORTS

POLI DOT, PVC DOT & SLIP RESISTANCE MEASUREMENT

ONIX®

SLIP RATING/TECHNICAL SPECIFICATIONS

YEAR ISSUED: 2026

Dear Valued Customer,

Please find below the Technical Data Sheet - Slip Resistance measurements for the referenced product. The specifications outlined within this document are provided as general guidance only and are intended to assist in understanding the typical characteristics and performance parameters of the product.

It is the responsibility of the **customer, designer, installer, or project consultant** to independently assess the suitability of the product for its intended application and environment. Conditions on site may vary significantly and should be **carefully** evaluated prior to specification and installation.

Customers should also be aware that floor products may become slippery when wet or when exposed to certain conditions. Variables that may influence slip resistance and surface performance include, but are not limited to:

- Floor gradients and drainage conditions
- Presence of water or moisture
- Oil, grease, or other contaminants
- Cleaning products and maintenance practices
- Footwear type and traffic conditions.

As these factors are outside the control of the manufacturer and supplier, it is essential that appropriate **risk assessment, testing, and compliance** with relevant standards be undertaken for each specific project.

If you require any further technical information or clarification regarding the data provided, please do not hesitate to contact our team on (02) 9604 0022.

Kind regards,

Stone & Ceramic Tile Wholesalers

TEST REPORT

POLI DOT

TESTING COMPANY: CSIRO Infrastructure Technologies
Gate 5, 2 Normanby Rd, Clayton VIC 3168

TEST REPORT #:
8288

CUSTOMER: ONIX CERAMICA S.L.
Av. Real de Extremadura,
23 Onda, Castellón, 12.200 SPAIN

DATE TESTED:
6th September, 2019

MANUFACTURER: ONIX MOSAIC

PRODUCT DESCRIPTION: Glass mosaics 25x25mm Polyurethane Dot

METHODS: N/A

The results reported relate only to the sample(s) tested and the information received. While CSIRO takes care in preparing the reports it provides to clients, it does not warrant that the information in this particular report will be free of errors or omissions or that it will be suitable for the client's purposes. CSIRO will not be responsible for the results or any actions taken by the client or any other person on the basis of the information contained in the report or any opinions expressed in it. The reproduction of this test report is only authorised in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction.

DETERMINATION THE EXPOSED GLUE AND MESH-FREE AREAS

AS 3958.1-2007 PART 1: GUIDE TO THE INSTALLATION OF CERAMIC TILES | SECTION 2.2.2 CLAUSE 5.6.4.2 TILING ADHESIVE COVERAGE

LABORATORY: CSIRO, Clayton **MOSAIC SHEET SIZE:** 310 x 310 x 4.4mm

TEST CONDITIONS: 22°C and 60% RH **INDIVIDUAL MEAN MOSAIC SIZE:** 24.38 x 24.35mm

TEST DATE: 26th of September, 2019

RESULTS

THE EXPOSED DOT GLUE-FREE AREAS

| SAMPLE # | SMALL MOSAIC SIZE (mm) | | SURFACE AREA OF DOT GLUES ON MOSAIC BLACK (mm ²) | SURFACE AREA OF MOSAIC (mm ²) | FREE SPACE % |
|----------|------------------------|--------------|--|---|--------------|
| 1 | 24.12 | 24.13 | 48.93 | 582 | 92 |
| 2 | 24.85 | 24.65 | 50.79 | 612.6 | 92 |
| 3 | 24.44 | 24.28 | 52.54 | 593.4 | 91 |
| 4 | 24.21 | 24.23 | 48.06 | 586.6 | 92 |
| 5 | 24.19 | 24.29 | 48.01 | 587.6 | 92 |
| 6 | 24.81 | 24.5 | 52.52 | 608.6 | 91 |
| 7 | 24.27 | 24.5 | 49.56 | 594.6 | 92 |
| 8 | 24.19 | 24.11 | 37.17 | 583.2 | 94 |
| 9 | 24.29 | 24.39 | 49.52 | 592.4 | 92 |
| 10 | 24.44 | 24.42 | 51.15 | 596.8 | 93 |
| Mean | 24.38 | 24.35 | 48 | 594 | 92 |

TEST REPORT

PVC DOT

| | | | |
|-----------------------------|--|-----------------------|----------------|
| TESTING COMPANY: | CSIRO Infrastructure Technologies Gate 5, 2 Normanby Rd, Clayton VIC 3168 | TEST REPORT #: | 8258 |
| CUSTOMER: | ONIX CERAMICA S.L. Av. Real de Extremadura, 23 Onda, Castellón, 12.200 SPAIN | DATE TESTED: | 13th May, 2019 |
| MANUFACTURER: | ONIX MOSAIC | | |
| PRODUCT DESCRIPTION: | Glass mosaics 25x25mm OVC Dot 310x467mm/1 sheet | | |
| METHODS: | N/A | | |

The results reported relate only to the sample(s) tested and the information received. While CSIRO takes care in preparing the reports it provides to clients, it does not warrant that the information in this particular report will be free of errors or omissions or that it will be suitable for the client's purposes. CSIRO will not be responsible for the results or any actions taken by the client or any other person on the basis of the information contained in the report or any opinions expressed in it. The reproduction of this test report is only authorised in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction.

DETERMINATION THE EXPOSED GLUE AND MESH-FREE AREAS

AS 3958.1-2007 PART 1: GUIDE TO THE INSTALLATION OF CERAMIC TILES | SECTION 2.2.2 CLAUSE 5.6.4.2 TILING ADHESIVE COVERAGE

| | | | |
|-------------------------|--------------------|-------------------------------------|-------------------|
| LABORATORY: | CSIRO, Clayton | MOSAIC SHEET SIZE: | 467 x 310 x 4.6mm |
| TEST CONDITIONS: | 21°C and 58% RH | INDIVIDUAL MEAN MOSAIC SIZE: | 24.26 x 24.36mm |
| TEST DATE: | 26th of July, 2019 | | |

RESULTS

THE EXPOSED DOT GLUE-FREE AREAS

| SAMPLE # | SMALL MOSAIC SIZE (mm) | | SURFACE AREA OF DOT GLUES ON MOSAIC BLACK (mm ²) | SURFACE AREA OF MOSAIC (mm ²) | FREE SPACE % |
|----------|------------------------|--------------|--|---|--------------|
| | | | | | |
| 1 | 24.61 | 24.54 | 49.8 | 603.9 | 92 |
| 2 | 24.37 | 24.48 | 54.8 | 596.6 | 91 |
| 3 | 24.02 | 23.9 | 46.42 | 574.1 | 92 |
| 4 | 24.9 | 23.86 | 33.36 | 567.6 | 94 |
| 5 | 24.85 | 24.09 | 41.17 | 574.5 | 93 |
| 6 | 24.77 | 24.9 | 62.5 | 616.8 | 90 |
| 7 | 24.33 | 24.53 | 62.98 | 596.8 | 89 |
| 8 | 24.02 | 24.27 | 52.81 | 583 | 91 |
| 9 | 24.31 | 24.34 | 78.73 | 591.7 | 87 |
| 10 | 24.48 | 24.6 | 72.6 | 603.7 | 88 |
| Mean | 24.44 | 24.35 | 55.53 | 590.87 | 91 |

TEST REPORT

SLIP RESISTANCE MEASUREMENT OF PEDESTRIAN SURFACES

TESTING COMPANY: GRIPTEK Anti-slip Solutions PTY LTD
26a Production Ave, Kogarah NSW 2217

TEST REPORT #:
251021A

CUSTOMER: Stone & Ceramic Tile Wholesalers
185 Warren Rd, Smithfield NSW 2164

DATE TESTED:
25th October, 2021

SUMMARY OF SLIP TEST RESULT

MANUFACTURER: ONIX MOSAIC
PRODUCT DESCRIPTION: GLASS MOSAICS - ONIX PENTA 50x50mm
TEST CONDUCTED TO: AS 4586:2013 Appendix A
TEST CONDUCTED BY: Sean Murphy
TEST CONDITIONS: 22°C
TEST METHOD: Wet Pendulum
TEST DEVICE: Munro - Serial No. 2015 Calibration #AU21/104

RUDDER SLIDER USED:
Slider 96 (4 S Rubber)

SLIDER PREPARATION:
Abrasive paper, Grade P400,
Pink lapping paper wet

SURFACE PREPARATION:
Cleaned with water & scrubbing

SURFACE APPLICATION:
N/A

| SPECIMEN # | LOCATION | CONDITION | GRADIENT % | DIRECTION OF TEST | MEAN BPN Last 3 Swings |
|------------|--------------|-----------|------------|-------------------|---------------------------|
| 1 | Loose Sample | As Found | <2.0 | N/A | 46 |
| 2 | Loose Sample | As Found | <2.0 | N/A | 45 |
| 3 | Loose Sample | As Found | <2.0 | N/A | 44 |
| 4 | Loose Sample | As Found | <2.0 | N/A | 45 |
| 5 | Loose Sample | As Found | <2.0 | N/A | 45 |

| Classification According to AS 4586 | Mean BPN |
|--|----------|
| P5 | >54 |
| P4 | 45-54 |
| P3 | 35-44 |
| P2 | 25-34 |
| P1 | 12-24 |
| P0 | <12 |

| | |
|--------------------------------------|-----|
| Mean BPN Slip Resistance Value - SPR | 45 |
| Classification | P4 |
| Contribution to Risk | LOW |

TERMS & CONDITIONS

The SA 4586 standard provides a guide & recommendation for use, we recommend that this report be read in conjunction with AS 4586 & Handbook HB198: 2014. Refer to tables 3B of HB 198 for requirements of sloped surfaces & ramps. The results in this test do not account for any future wear, contamination or maintenance if this surface. Griptek Anti-Slip Solutions Pty Ltd or our agents, licensees or employees accept no responsibility for any actions whatsoever which may arise as a result of this test report, all information within this report is copyright & is protected by copyright law

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CERAMIC**
TILE WHOLESALERS