

## ONIX RECTIFIED PORCELAIN

### Technical Specifications

| Test                                                         | Standard Requirements                                                        | Test Results                                                                           |
|--------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <b>Water Absorption</b><br>UNI EN ISO 10545-03               | Bla (GL) $\leq 0.5\%$                                                        | $E < 0.5\%$                                                                            |
| <b>Breaking Strength</b><br>UNI EN ISO 10545-04              | Minimum: 1300 N                                                              | $\geq 1300$ N                                                                          |
| <b>Modulus of Rupture</b><br>UNI EN ISO 10545-04             | Minimum: 35 N/mm <sup>2</sup>                                                | $\geq 35$ N/mm <sup>2</sup>                                                            |
| <b>Shock Resistance</b><br>UNI EN ISO 10545-05               | Suggested Minimum: $E > 0.55$                                                | Resists                                                                                |
| <b>Resistance to Deep Abrasion</b><br>UNI EN ISO 10545-06    | Maximum: 175 mm <sup>3</sup>                                                 | Resists                                                                                |
| <b>Linear Thermal Expansion</b><br>UNI EN ISO 10545-08       | As Reported                                                                  | Resists                                                                                |
| <b>Thermal Shock Resistance</b><br>UNI EN ISO 10545-09       | Required                                                                     | Complies with the standard                                                             |
| <b>Moisture Expansion</b><br>UNI EN ISO 10545-10             | As Reported                                                                  | Resists                                                                                |
| <b>Frost Resistance</b><br>UNI EN ISO 10545-12               | Required                                                                     | Resists                                                                                |
| <b>Chemical Resistance</b><br>UNI EN ISO 10545-13            | Domestic Chemical Products: GB<br>/ Acids and Alkalis: As reported           | Complies with the standard                                                             |
| <b>Stain Resistance</b><br>UNI EN ISO 10545-14               | Minimum: Class 3                                                             | Resists                                                                                |
| <b>PEI Rating (Scratch Resistance)</b><br>ASTM C 1027        | As Reported                                                                  | IV                                                                                     |
| <b>Dynamic Coefficient of Friction (DCOF)</b><br>ANSI A137.1 | For Level Interior Spaces<br>Expected to be walked upon<br>when wet $> 0.42$ | Applies to matte finish<br>only: $> 0.42$                                              |
| <b>Shade Variation</b>                                       | -                                                                            | V2                                                                                     |
| <b>Thickness</b>                                             | -                                                                            | 12" x 24" - 9.5 mm<br>24" x 24" - 9.5 mm<br>24" x 48" - 10.5 mm<br>48" x 48" - 10.5 mm |
| <b>Number of Screens</b>                                     | -                                                                            | 12" x 24" - 45<br>24" x 24" - 32<br>24" x 48" - 16<br>48" x 48" - 8                    |