

## SIENA RECTIFIED PORCELAIN

### Technical Specifications

| Test                                                         | Standard Requirements                                                     | Test Results                                                                   |
|--------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Water Absorption</b><br>UNI EN ISO 10545-03               | Bla (GL) <=0.5%                                                           | <0.5%                                                                          |
| <b>Breaking Strength</b><br>UNI EN ISO 10545-04              | Minimum: 1300 N                                                           | > 1600 N                                                                       |
| <b>Modulus of Rupture</b><br>UNI EN ISO 10545-04             | Minimum: 35 N/mm <sup>2</sup>                                             | > 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>                                              | N/A                                                                            |
| <b>Linear Thermal Expansion</b><br>UNI EN ISO 10545-08       | As Reported                                                               | < 7.0 x 10 <sup>-6</sup> /°C <sup>-1</sup>                                     |
| <b>Thermal Shock Resistance</b><br>UNI EN ISO 10545-09       | Required                                                                  | Resistant                                                                      |
| <b>Moisture Expansion</b><br>UNI EN ISO 10545-10             | As Reported                                                               | 0.1 mm/m                                                                       |
| <b>Frost Resistance</b><br>UNI EN ISO 10545-12               | Required                                                                  | Resistant                                                                      |
| <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                                                          | Class 5                                                                        |
| <b>PEI Rating (Scratch Resistance)</b><br>ASTM C 1027        | As Reported                                                               | BLANCO<br>CREMA: 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 | > 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" - 9 mm<br>36"x36" - 9 mm |
| <b>Number of Screens</b>                                     | -                                                                         | 12" x 24" - 68<br>24" x 24" - 34<br>24" x 48" - 17<br>36" x 36" - 11           |