

# EMPIRE

TECHNICAL DATA



11190 NW 25th Street, Suite 100  
MIAMI, FL 33172  
www.rocatileusa.com

|                  |         |                   |                   |
|------------------|---------|-------------------|-------------------|
| Format:          | 12"x24" | Type:             | Glazed Porcelain  |
| Colors:          | Beige   | Thickness:        | 8.5mm (12"x24")   |
| Number of faces: | 15      | Recycled Content: | 5% *Pre -Consumer |

|  | ASTM Test | ISO Test     | Value Required ANSI | Declared ASTM                |
|--|-----------|--------------|---------------------|------------------------------|
| WATER ABSORPTION                       | C373      | ISO.10545/3  | ≤0.5%               | ≤0.5%                        |
| BREAKING STRENGTH                      | C648      | ISO.10545/4  | ≥ 275               | ≥ 275                        |
| CHEMICAL RESISTANCE                    | C650      | ISO-10545/13 | Unaffected          | CLASS A(Resist) <sup>1</sup> |
| STAIN RESISTANCE                       | C1378     | -            | -                   | CLASS A                      |
| FROST RESISTANCE                       | C1026     | ISO-10545/12 | Resistant           | Resistant                    |
| GROUP                                  | SEE FAQS  | SEE FAQS     | -                   | 4                            |
| PEI - GLAZED TILES***                  | C1027     | ISO-10545/7  | -                   | IV                           |
| DYNAMIC COEFFICIENT OF FRICTION (DCOF) | A137.1    | -            | ≥0.42               | ≥0.42                        |
| SHADE AND TEXTURE RATING               | CTDA "V"  | -            | -                   | V3                           |
| FACIAL DIMENSIONS                      | C499      | ISO-10545/2  | 1.5% Max            | Pass                         |
| RANGE OF THICKNESS                     | C499      | ISO-10545/2  | 0.040 Max           | Pass                         |
| WARPAGE                                | C485      | ISO-10545/2  | 0.75%               | Pass                         |
| WEDGING                                | C502      | ISO-10545/2  | 1.0% Max            | Pass                         |

Signature:  
Marketing and Product Department



Release Date  
12 / 14 / 2022