

# Beyond Dolomite

Porcelain tiles



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**Size** 11<sup>3</sup>/<sub>4</sub>" x 23<sup>5</sup>/<sub>8</sub>"  
23<sup>5</sup>/<sub>8</sub>" x 47<sup>1</sup>/<sub>4</sub>"  
23<sup>5</sup>/<sub>8</sub>" x 23<sup>5</sup>/<sub>8</sub>"

**Thickness** ± 9 mm  
± 20 mm

**Finish** Matte, Polished

V2 SLIGHT VARIATION



| Field tiles   | Commercial size (in)  | Nominal size (in)   | Thickness (mm)  | Finish    | Edge      |
|---------------|---|---|-----------------|-----------|-----------|
|               | 12" x 24"   | 11 <sup>3</sup> / <sub>4</sub> " x 23 <sup>5</sup> / <sub>8</sub> " | 9 mm            | Matte     | Rectified |
| Stripes       | 11 <sup>3</sup> / <sub>4</sub> " x 23 <sup>5</sup> / <sub>8</sub> " | 9 mm  | Matte           | Rectified |           |
| 24" x 48"     | 23 <sup>5</sup> / <sub>8</sub> " x 47 <sup>1</sup> / <sub>4</sub> " | 9 mm  | Matte, Polished | Rectified |           |
| Outdoor Paver | 23 <sup>5</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> " | 20 mm   | Outdoor         | Rectified |           |

  

| Mosaics and coordinating trims | Commercial size (in)   | Nominal size (in)   | Thickness (mm)  | Finish | Please refer to caliber chart for working size. Close joints are not recommended. |
|--------------------------------|--|---|-----------------|--------|---|
|                                | Mosaic 2" x 2"   | 11 <sup>3</sup> / <sub>4</sub> " x 11 <sup>3</sup> / <sub>4</sub> " | 9 mm            | Matte  |   |
| Apex Mosaic                    | 11" x 11"  | 9 mm  | Matte           |        |   |
| Bullnose 3" x 24"              | 2 <sup>7</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> " | 9 mm  | Matte, Polished |        |   |
| Cove Base 6" x 12"             | 5 <sup>7</sup> / <sub>8</sub> " x 11 <sup>3</sup> / <sub>4</sub> " | 8.5 mm  | Matte           |        |   |

| Property                                | Test Method                                   | Requirements |   |                                  |  |   |   |
|---|---|--------------|---|----------------------------------|--|---|---|
|   |   | Calibrated   | Rectified   |                                  |  |   |   |
| Regularity characteristics              | <b>Nominal Size</b>                           | ±3.00%       | -3.00% ÷ +2.00%   | Compliant                        |  |   |   |
|   | <b>Caliber Range</b>                          | ASTM C499    | ±0.50% or ±0.08 in (±2.0 mm) (*)                                | ±0.25% or ±0.03 in (±0.8 mm) (*) | Compliant  |   |   |
|   | <b>Thickness<sup>(1)</sup></b>                |              | Range: 0.04 in (1.02 mm)  |                                  | Compliant  |   |   |
|   | <b>Wedging</b>                                | ASTM C502    | ±0.50% or ±0.08 in (±2.0 mm) (*)                                | ±0.25% or ±0.03 in (±0.8 mm) (*) | Compliant  |   |   |
|   | <b>Warpage Edge</b>                           | ASTM C485    | ±0.75% or ±0.09 in (±2.3 mm) (*)                                | ±0.40%                           | Compliant  |   |   |
| <b>Warpage Diagonal</b>                 | ±0.50% or ±0.08 in (±2.0 mm) (*)              |              | ±0.40% or ±0.07 in (±1.8 mm) (*)                                | Compliant                        |  |   |   |
| Structural characteristics              | <b>Water Absorption</b>                       | ASTM C373    | ≤ 0.5%  |                                  | ≤ 0.5%   |   |   |
| Bulk mechanical characteristics         | <b>Breaking Strength</b>                      | ASTM C648    | Matte, Polished ± 9   | Outdoor ± 20                     | Matte, Polished ± 9                                      | Outdoor ± 20  |   |
|   |   |              | Average ≥ 250 lbf. (1.11 kN)<br>Individual ≥ 225 lbf. (1.00 kN) | ≥ 2000 lbf. avg                  |  | ≥ 350 lbf. avg  | ≥ 2200 lbf. avg   |
|   | <b>Modulus of Rupture</b>                     | ASTM C1050   | Outdoor ± 20  |                                  | Outdoor ± 20   |   |   |
|   |   |              | 5000 psi.   |                                  | Compliant  |   |   |
| Physical properties                     | <b>Bond Strength</b>                          | ASTM C482    | ≥ 50 psi. (0.34 Mpa)  |                                  | ≥ 100 psi.   |   |   |
| Thermal and hygrometric characteristics | <b>Resistance to Freeze/Thaw Cycling</b>      | ASTM C1026   | As Reported   |                                  | Resistant  |   |   |
|   | <b>Thermal Shock Resistance</b>               | ASTM C484    | As Reported   |                                  | Resistant  |   |   |
| Chemical characteristics                | <b>Chemical Resistance</b>                    | ASTM C650    | As Reported   |                                  | Unaffected   |   |   |
|   | <b>Stain Resistance</b>                       | ASTM C1378   | As Reported   |                                  | Unaffected   |   |   |
| Safety characteristics                  | <b>Dynamic Coefficient of Friction (DCOF)</b> | ANSI A326.3  | As Reported <sup>(2)</sup>                                      |                                  | Matte ± 9<br>≥ 0.42 Wet Interior Wet (IW) <sup>(2)</sup> | Polished ± 9<br>≥ 0.42 Dry Interior Dry (ID) <sup>(2)</sup> | Outdoor ± 20<br>≥ 0.60 Wet Exterior Wet (EW) <sup>(2)</sup> |

(\*) Whichever is less  
 (1) May not apply to textured surfaces or tiles with uneven back patterns.  
 (2) DCOF ≥ 0.42 Wet may not be a requirement for all projects. The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers' guidelines and recommendations.  
 For updated manufacturer classification according to ANSI A326.3, Section 4 - "Product Use Categories", please refer to our website.

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