

# TILE PERFORMANCE DATA

## COLOR-BODY PORCELAIN TILES - RECTIFIED

Classification in accordance with ANSI A137.1 (P1 class).



Residential



Commercial



Porcelain  
Stoneware



Floor



Wall



DCOF  
compliant



Thickness 3/8"  
(9mm)



Rectified Tile



NO  
V.O.C



Frost  
Proof



Low water absorption  
( $\leq 0,5\%$ )



Made  
in USA

| TECHNICAL FEATURE               | METHOD       | VALUE REQUIRED ANSI A 137.1     | CAESAR AVERAGE VALUE               |
|---------------------------------|--------------|---------------------------------|------------------------------------|
| Facial dimension                | ASTM C-499   | $\pm 0.25\%$ or $\pm 0.03$ in   |                                    |
| Wedging                         | ASTM C-502   | $\pm 0.25\%$ or $\pm 0.03$ in   | In accordance to ANSI A 137.1      |
| Warpage diagonal                | ASTM C-485   | $\pm 0.4\%$ or $\pm 0.07$ in    |                                    |
| Warpage edge                    | ASTM C-485   | $\pm 0.4\%$ or $\pm 0.05$ in    |                                    |
| Thickness                       | ASTM C-499   | RANGE:<br>0.040 inch max (1 mm) | In accordance to ANSI A 137.1      |
| Water absorption                | ASTM C-373   | $\leq 0.5\%$                    | Passed "impervious tiles" Class P1 |
| Breaking strength               | ASTM C-648   | $\geq 250$ lbs ( $\geq 1113$ N) | $\geq 400$ lbs                     |
| Freeze thaw                     | ASTM C-1026  | No damages                      | In accordance                      |
| Chemical resistance             | ASTM C-650   | As reported                     | Unaffected                         |
| MOHS hardness                   |              |                                 | 6                                  |
| Dynamic Coefficient of Friction | ANSI A 326.3 | Declare                         | WET DOCF $\geq 0.42$               |
|                                 |              | Classified                      | Interior Wet                       |

Average values referred to the last two years of production and related to the matte finish of the product.

Values relate to the matte finish of the product and to tests carried out by certified external laboratories, whose results are available upon request.

Be sure to use the same caliber tiles. Color reproductions may vary from actual products.

\* Due to the intrinsic nature of porcelain stoneware tiles, please note that the coefficient of friction may vary from one production lot to another.

Caesar products can become slippery when wet.

We recommend to always keep the surface dry.

### ACTUAL SIZES FOR RECTIFIED MATERIAL - 3/8" THICKNESS (9mm)

| NOMINAL SIZE<br>INCHES | MM       | ACTUAL SIZE<br>INCHES                       | MM       |
|------------------------|----------|---|----------|
| 24"x48"                | 610x1220 | 23 <sup>15/32</sup> "x47 <sup>3/64</sup> "  | 596x1195 |
| 24"x24"                | 610x610  | 23 <sup>15/32</sup> "x23 <sup>15/32</sup> " | 596x596  |
| 12"x24"                | 305x610  | 11 <sup>1/16</sup> "x23 <sup>15/32</sup> "  | 297x596  |
| 6"x24"                 | 152x610  | 5 <sup>45/64</sup> "x23 <sup>15/32</sup> "  | 145x596  |
| 8"x40"                 | 203x1016 | 7 <sup>23/32</sup> "x39 <sup>1/64</sup> "   | 196x995  |

### ACTUAL SIZES FOR NON-RECTIFIED MATERIAL - 3/8" THICKNESS (9mm)

| NOMINAL SIZE<br>INCHES | MM       | ACTUAL SIZE<br>INCHES                       | MM       |
|------------------------|----------|---|----------|
| 12"x24"                | 305x610  | 11 <sup>13/16</sup> "x23 <sup>47/64</sup> " | 300x603  |
| 8"x40"                 | 203x1016 | 7 <sup>7/8</sup> "x39 <sup>3/8</sup> "      | 200x1000 |

\*For more detailed information about the different actual sizes for non-rectified material, please contact Caesar Ceramics USA.

### ACTUAL SIZES FOR RECTIFIED MATERIAL - 3/4" THICKNESS (20mm)

| NOMINAL SIZE<br>INCHES | MM      | ACTUAL SIZE<br>INCHES                       | MM      |
|------------------------|---------|---|---------|
| 24"x24"                | 610x610 | 23 <sup>35/64</sup> "x23 <sup>35/64</sup> " | 598x598 |