

# SUSTAINABLE MIND

## MAXIMUM CONCERN FOR THE ENVIRONMENT



**WE  
CARE**

### FROM OUR PLANT....

The **brand new production facilities** in the USA are built in compliance with the most stringent standards in term of environmental protection, safety of workers and reduction of energy consumption.



**YOU  
CARE**

### TO YOUR PROJECT.

By choosing Caesar Ceramics USA, the end user will be sure to purchase **durable, safe and green floor and wall tiles**: being extremely durable, they do not call for any chemical treatment, varnish or special detergent. They do not release dust or other substances, even when subject to high pedestrian traffic.

# TILE PERFORMANCE DATA

## COLOR-BODY PORCELAIN TILES - RECTIFIED

Classification in accordance with ANSI A137.1: 2012 (P1 class).



Residential



Commercial



Porcelain  
Stoneware



Floor



DCOF  
compliant



Thickness 3/4"  
(20mm)



Rectified Tile



NO  
V.O.C



Frost  
Proof



Low water absorption  
(<0,5%)



Made  
in USA

	TECHNICAL FEATURE	ASTM	VALUE REQUIRED ANSI A 137.1-2012	CAESAR AVERAGE VALUE
	Facial dimension	ASTM C-499	± 0,25% or ± 0,03 in	In accordance to ANSI A 137.1-2012
	Wedging	ASTM C-502	± 0,25% or ± 0,03 in	
	Warpage diagonal	ASTM C-485	± 0,4% or ± 0,07 in	
	Warpage edge	ASTM C-485	± 0,4% or ± 0,05 in	
	Thickness	ASTM C-499	RANGE: 0,040 inch max (1 mm)	In accordance to ANSI A 137.1-2012
	Water absorption	ASTM C-373	≤ 0,5%	Passed "impervious tiles" Class P1
	Breaking strength	ASTM C-648	≥ 250 lbs (≥1113 N)	≥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		0,42	In accordance

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 within the same production lot or from one production lot to the other.

Caesar products can become slippery when wet. We recommend to always keep the surface dry.

### ACTUAL SIZES FOR RECTIFIED MATERIAL

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

### ACTUAL SIZES FOR NON-RECTIFIED MATERIAL

NOMINAL SIZE INCHES	MM	ACTUAL SIZE INCHES	MM
12"x24"	305x610	11 <sup>15/16</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

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