# TILE PERFORMANCE DATA

#### **COLOR-BODY PORCELAIN TILES - RECTIFIED**

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



























	TECHNICAL FEATURE	METHOD	VALUE REQUIRED ANSI A 137.1	CAESAR AVERAGE VALUE
	Facial dimension	ASTM C-499	± 0.25% or ± 0.03 in	
1 1	Wedging	ASTM C-502	± 0.25% or ± 0.03 in	- In accordance to ANSLA 1371
	Warpage diagonal	ASTM C-485	± 0.4% or ± 0.07 in	III accordance to ANSI A 157.1
<b>1</b>	Warpage edge	ASTM C-485	± 0.4% or ± 0.05 in	
<u>+</u>	Thickness	ASTM C-499	RANGE: 0.040 inch max (1 mm)	In accordance to ANSI A 137.1
	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

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

ANSI A 326.3

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.

Declare

Classified

We recommend to always keep the surface dry.

Dynamic Coefficient of Friction

## **ACTUAL SIZES FOR RECTIFIED MATERIAL**

NOMINAL S	ZE MM	ACTUAL SIZE 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>11/16</sup> "x23 <sup>15/32</sup> "	297x596
6"x24"	152x610	5 <sup>45/64</sup> "x23 <sup>15/32</sup> "	145x596
8"x40"	203×1016	7 <sup>23/32</sup> "x39 <sup>11/64</sup> "	196x995

#### **ACTUAL SIZES FOR RECTIFIED MATERIAL - 3/4" THICKNESS**

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

### **ACTUAL SIZES FOR NON-RECTIFIED MATERIAL**

NOMINAI INCHES	L SIZE MM	ACTUAL SIZE 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> "	200×1000

WET DOCF ≥0.42

Interior Wet



<sup>\*</sup> Due to the intrinsic nature of porcelain stoneware tiles, please note that the coefficient of friction may vary from one production lot to an other. Caesar products can become slippery when wet.