# VE+

# VALUE EVERYDAY & VOLUME EFFICIENT SOLUTIONS











# VALUE, VOLUME, AFFORDABILITY

The new Caesar USA range of series created with our distinctive design having "value everyday" in mind.
Caesar USA VE+ aims to offer several different looks of 8mm thickness, size

12"x24" and 8"x40" non-rectified glazed porcelain tiles to be used in any residential and light commercial project with cost, design, and volume as its fundamental characteristics.







# INDEX

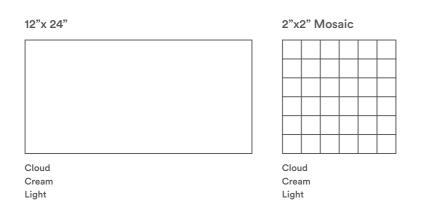
- SILK	02
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...MORE TO COME...

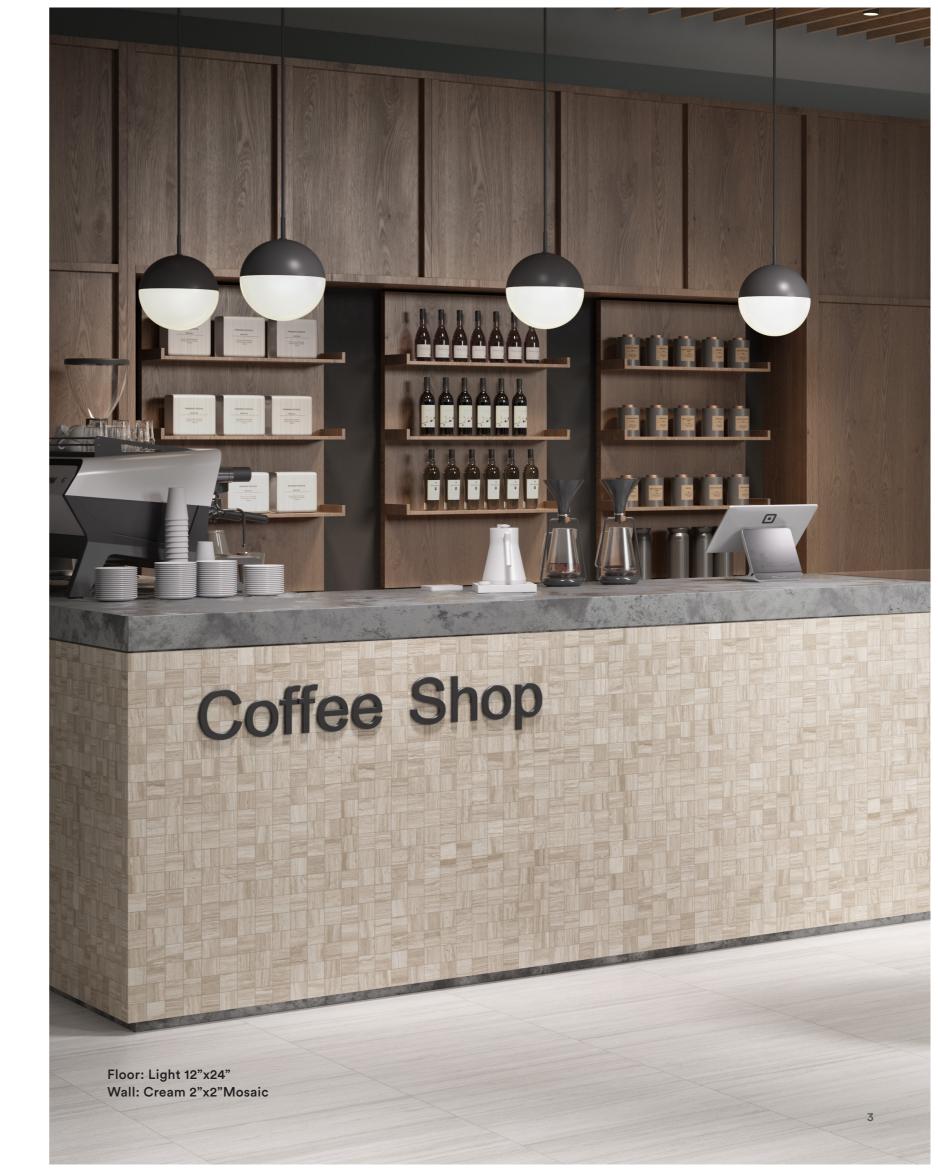


# SILK

### NON RECTIFIED GLAZED PORCELAIN TILES







VE+





Floor: Cream 12"x24"

Wall: Cloud 12"x24"





CLOUD

CREAM

/2







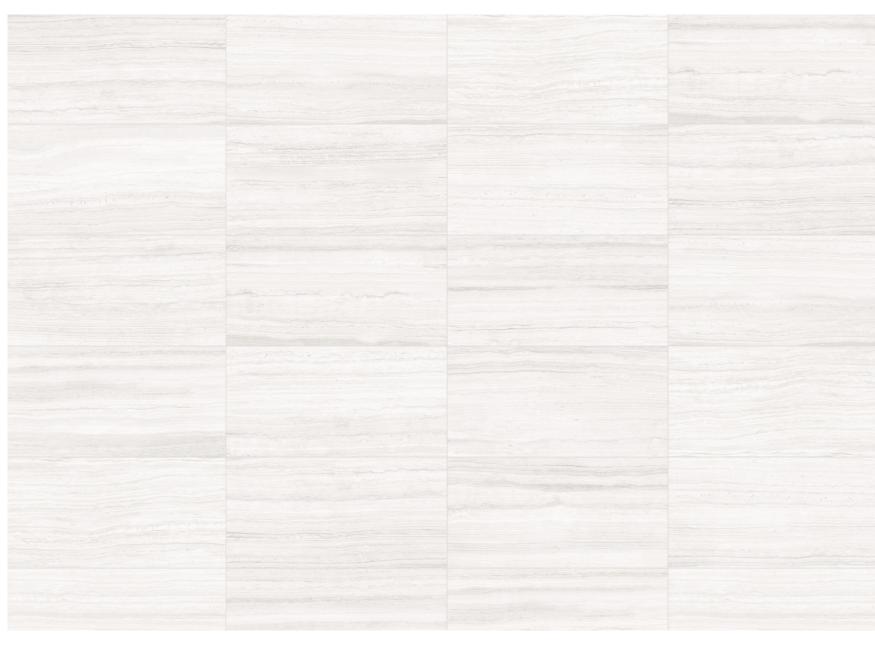






7"v04" Dullooo

VE+



# LIGHT

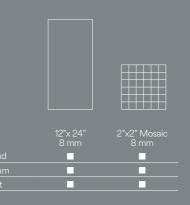






3"x24" Bullnose

# RANGE





### GLAZED - NON RECTIFIED PORCELAIN TILES



# PACKAGING

Size	Box	Box				Pallet				
Inches	Pcs	Surface (sqf)	Surface (sqm)	Weigth (lbs)	Weigth (kg)	Boxes	Surface (sqf)	Surface (sqm)	Weigth (lbs)	Weigth (kg)
12"x 24"		15.50		~54.45	~24.7			57.6	~2.178	~988
2"x2" Mosaic		9.69		~35.27			348.75		~1269.86	~576

### Material sold by full pallets only









# TIMBER

**GLAZED - NON RECTIFIED PORCELAIN TILES** 

8"x 40"			
Honey			
Nutmeg			
Nutmeg Ebony			





VE+





Floor: Honey 8"x40"

Floor: Ebony 8"x40"





HONEY NUTMEG

x40" 8"x40"



# **EBONY**

# RANGE



	8"x 40" 8 mm
Honey	
Nutmeg	
Ebony	

GLAZED - NON RECTIFIED PORCELAIN TILES



# PACKAGING

Size	ize Box				Pallet					
Inches	Pcs	Surface (sqf)	Surface (sqm)	Weigth (lbs)	Weigth (kg)	Boxes	Surface (sqf)	Surface (sqm)	Weigth (lbs)	Weigth (kg)
8"x 40"		15.07	1.40	~56.88	~25.8	36	542.52	50.4	~2,047.65	~928.8

### Material sold by full pallets only

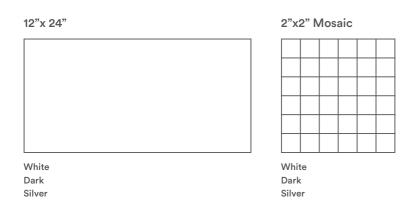


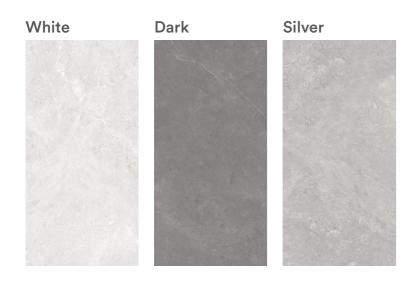




# GRAYSTONE

**GLAZED - NON RECTIFIED PORCELAIN TILES** 











Wall: Silver 2"x2" Mosaic

Floor: Dark 12"x24"





WHITE DARK













"x24" Bullnose



# SILVER





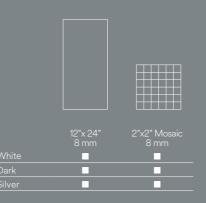


3"x24" Bullnose

30

### VE+

# RANGE





### GLAZED - NON RECTIFIED PORCELAIN TILES



# PACKAGING

Size	Box	Вох				Pallet				
Inches	Pcs	Surface (sqf)	Surface (sqm)	Weigth (lbs)	Weigth (kg)	Boxes	Surface (sqf)	Surface (sqm)	Weigth (lbs)	Weigth (kg)
12"x 24"		15.50		~54.45	~24.7			57.6	~2.178	~988
2"x2" Mosaic	10	9.69	0.9	~35.27	~16	36	348.75	32.4	~1269.86	~576

### Material sold by full pallets only









# THE EXCELLENCE OF CAESAR USA PORCELAIN STONEWARE

#### **HEALTH AND SAFETY**

Porcelain stoneware is the best choice for those who care about health and safety. Porcelain's non-porous surface remains hygienic over time by avoiding the absorption of unwanted germs and bacteria. It's completely hypoallergenic, VOC free and won't emit harmful substances. Due to porcelain's nonabsorbent properties, it is safe to use aggressive detergents although it's easy to clean and resistant to staining.

## **HEAT AND FIRE** RESISTANCE

Porcelain stoneware is naturally fireproof, and won't burn in the event of a fire. Even in intense heat porcelain maintains its shape and never releases toxins into the atmosphere.

### **VERSATILITY AND** SUSTAINABILITY

The choice of an eco-sustainable. durable and versatile material for floors and walls means a lot of benefits for the environment. Caesar USA porcelain stoneware is produced with nonexhaustible, natural, raw materials, that are easy to install, and, at the end of its long life, it is easy and cheap to dispose of 100% recyclable.

### **BEAUTY & DURABILITY**

Porcelain tiles remain as beautiful as the first day even when they are exposed to different types of stress.

and are able to withstand heavy loads. This mean it is a material suitable for driveways and high traffic places.



**ECO-FRIENDLY AND** NONTOXIC: WON'T RELEASE HARMEUL SUBSTANCES



NO CHEMICAL WATERPROOFING AGENTS, PAINT, OR RESIN



HYGIENIC AND SAFE



EASY TO CLEAN AND



HEAT RESISTANT



FIRE RESISTANT



RESISTANT TO SUN DAMAGE AND COLOR FADING



EASY TO INSTALL



WATER AND DAMP RESISTANT



IDEAL FOR **HEATED FLOORS** 

They resist scratches and abrasions



LOAD BEARING AND STRESS RESISTANT



THERMAL SHOCK



FROSTPROOF



**RESISTANT TO SMOG** AND POLLUTION



SCRATCH AND ABRASION RESISTANT



RESISTANT TO HOUSEHOLD AND INDUSTRIAL CHEMICALS

### Cleaning procedures

FINAL CLEANING AFTER INSTALLATION

A few hours after grouting, as soon as the grout starts to dry and becomes opaque, sweep the floor. Within 48 hours from grouting and before the grout hardens definitively, wet the floor with an acid and buffered solution. Dilution depends on the type of surface (smooth or textured).

Spread the solution containing acid especially made for stoneware using a mop or a rotary brush for large surfaces, and featuring suitable discs, and let the solution work for a few minutes. Rinse with warm water and clean cloths and repeat several times until all stains and residues have been eliminated. Make sure to change rinsing water several times. Complete by drying. Prevent contact of the acid solution with other materials (metal, marble, etc.).

#### ATTENTION!!

Epoxy-based grout cannot be cleaned when it has completely hardened other than mechanically with risks to the surface of the tiles. For more information and recommendations, consult the grout manufacturer.

Care must be taken on inlayed, polished and anti-slip products; for the latter in particular, the use of a floor-washing machine combined with the action of an acid detergent helps reach the spaces between adjacent tiles and cleans them

If such a cleaning procedure is not carried out, or if such cleaning is carried out too late, the grout residue creates an extremely absorbent film, which holds dirt, making the surface difficult to clean: in this case, Caesar ceramics USA, INC. will not be liable for any damage caused to the surface.

#### **CLEANING AND CARE**

If the cleaning rules after installation are followed, routine maintenance, i.e. everyday cleaning to remove dirt from traffic and general use of the tiled surface, is reasonably easy.

We would like to remind you that porcelain stoneware is a product with excellent technical features which allow for the highest grade of mechanical wear and resistance to acids (except for hydrofluoric acid and its derivatives) and alkalis, features which are added to a high aesthetic quality.

Porcelain stoneware has a low absorption level, another intrinsic characteristic of the product. As detailed in the technical sheets, absorption levels are very low in the production process Caesar Ceramics Usa, Inc. adopts, and all our products will achieve the best results for any kind of specific application.

Ordinary maintenance must be carried out using specialist detergents to remove stains but these detergents must not leave a wax, film or membrane residue. Rinsing well with plenty of clean water is a fundamental part of the cleaning procedure, therefore we advise against the use of products which state that they "do not need rinsing".

We would like to inform you that, the above mentioned standards do not cover rubber stains (shoes, heels, mats, etc...) especially where these kinds of stains are frequent: therefore, Caesar Ceramics Usa, Inc. will not be held liable for any such damage to the surface of these products. All types of surface of the Caesar Ceramics Usa, Inc. range can be washed with clean water or water and up to 50% of bleach

We recommend periodical cleaning with basic products or a micro-foaming basic product for porcelain stoneware, followed by thorough rinsing and drying.

#### HEAVY-DUTY CLEANING

Any stains or marks can be removed quite easily since porcelain stoneware has very low absorption properties and resists acids and

- Depending on the type of stain, you can use:
- ACIDS for INORGANIC stains.
- BASES for ORGANIC stains.
- SOLVENTS for SYNTHETIC stains.

The use of common aggressive acids (such as muriatic acid for instance) must be avoided. These products remove residues of grout but also irreparably damage the grout within the joint. Also pay attention to all products containing HYDROFLUORIC ACID (HF) SINCE THEY IRREPARABLY DAMAGE ALL CERAMIC SURFACES.

#### WARNING

The above suggestions are a result of research, laboratory tests and several years' experience. However, the cleaning features of the materials may vary significantly according to the different installation methods, conditions of use, types of surface and destination. As a general rule, the higher the anti-slip values of the tiles are, the greater cleaning inconveniences may arise. The professional operator in charge of maintenance and cleaning shall always check the surface condition before proceeding with any cleaning and/or maintenance operation (we would suggest to test some tiles before installation). Caesar Ceramics Usa, Inc. declines any liability with reference to cleaning and maintenance operations in case of heavy conditions of use (such as mechanical workshop or spaces presenting oily residues or tire marks), bad installation work or wrong cleaning operations, it is agreed that Caesar Ceramics Usa, Inc. shall not be liable for any event, damage or defect due to wrong installation of the tiles, faulty cleaning and maintenance operations or inadequate choice of the type of material to be laid or of the adhesives used in a certain destination of use.

# TILE PERFORMANCE DATA

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

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





















 $\langle R \rangle$ 





WET DOCF ≥0.42

Interior Wet

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

**INCHES** 

11<sup>13/16</sup>"x23<sup>47/66</sup>

**ACTUAL SIZE** 

300x603





SILK

### TECHNICAL FEATURE METHOD **VALUE REQUIRED ANSI A 137.1 CAESAR AVERAGE VALUE** ASTM C-499 Facial dimension ± 0.5% or ± 0.08 in

	Wedging	ASTM C-502	± 0.5% or ± 0.08 in	L
	Warpage diagonal	ASTM C-485	± 0.5% or ± 0.07 in	In accordance to ANSI A 137.1
ŀ	Warpage edge	ASTM C-485	± 0.5% or ± 0.07 in	
	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

NOMINAL SIZE

NANA

305x610

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

**INCHES** 

12"x24"

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.

Classified

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 an other. Caesar products can become slippery when wet.

We recommend to always keep the surface dry.

Dynamic Coefficient of Friction

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

NOMINAL SIZ	ĽE 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"	203x1016	7 <sup>23/32</sup> "x39 <sup>11/64</sup> "	196x995

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

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

### **GLAZED - NON RECTIFIED PORCELAIN TILES**

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























**TIMBER** 

	TECHNICAL FEATURE	METHOD	VALUE REQUIRED ANSI A 137.1	CAESAR AVERAGE VALUE
	Facial dimension	ASTM C-499	± 0.5% or ± 0.08 in	
1 1	Wedging	ASTM C-502	± 0.5% or ± 0.08 in	In accordance to ANSI A 137.1
A	Warpage diagonal	ASTM C-485	± 0.5% or ± 0.07 in	III accordance to ANSLA 157.1
<b>1</b>	Warpage edge	ASTM C-485	± 0.5% or ± 0.07 in	
+	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
<del> </del>	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
P	Dynamia Coefficient of Frinting	ANCI A 706 7	Declare	WET DOCF ≥0.42
	Dynamic Coefficient of Friction	ANSI A 326.3 -	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 an other. Caesar products can become slippery when wet.

We recommend to always keep the surface dry.

#### **ACTUAL SIZES FOR RECTIFIED MATERIAL - 3/8" THICKNESS (9r**

(9mm)	ACTUAL S	ZES FOR NON-	RECTIFIED MATERIAL	ESS (9mm)	
	NOMINAL	. SIZE	ACTUAL SIZE		
	INICHEC	N A N A	INICHEC	1 1 1 1	

NOMINAL SIZE		ACTUAL SIZE		1
INCHES	MM	INCHES	MM	
24"x48"	610x1220	23 <sup>15/32</sup> "x47 <sup>3/64</sup> "	596x1195	1
24"x24"	610x610	23 <sup>15/32</sup> "x23 <sup>15/32</sup> "	596x596	8
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	f
8"x40"	203x1016	7 <sup>23/32</sup> "x39 <sup>11/64</sup> "	196x995	

2"x24"	305×610	11 <sup>13/16</sup> "x23 <sup>47/64</sup> "	300x603
"x40"	203x1016	7 <sup>7/8</sup> "x39 <sup>3/8</sup> "	200x1000

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

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

# TILE PERFORMANCE DATA

#### **GLAZED - NON RECTIFIED PORCELAIN TILES**

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

### **GRAYSTONE**

























Type of stain

	Made
i	n USA

	TECHNICAL FEATURE	METHOD	VALUE REQUIRED ANSI A 137.1	CAESAR AVERAGE VALUE	
	Facial dimension	ASTM C-499	± 0.5% or ± 0.08 in		
1 1	Wedging	ASTM C-502	± 0.5% or ± 0.08 in	In accordance to ANSI A 137.1	
R A	Warpage diagonal	ASTM C-485	± 0.5% or ± 0.07 in		
<b>1</b>	Warpage edge	ASTM C-485	± 0.5% or ± 0.07 in		
+	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	
- FP	Dynamic Coefficient of Friction	ANSI A 326.3	Declare	WET DOCF ≥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 an other. 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 INCHES	. SIZE	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"	203x1016	7 <sup>23/32</sup> "x39 <sup>11/64</sup> "	196x995

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

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

INORGANIC STAINS					
Cement Carbon Calcium Efflorescence Chalk Metallic residues	Acid	DETERDEK	UNITED STATES > Fila Chemicals USA Corp. 10800 N.W. 21 st. Street #170 Miami, FL 33172 USA Tel: +1 305 513 0708 filausa@filasolutions.com		
Rust Cement based grout, Coloured grout Wall paint	Acid	KERANET (LIQUID) or Similar	MAPEI Americas headquarters 1144 E. Newport Center Drive Deerfield Bech, Florida 33442		
	ORGA	NIC STAINS			
Coca Cola, Ice Cream, Coffee, Wine, Beer Animal fats Vegetable fats Mustard, Mayonnaise Ketchup, Jam, Marmelade, Linseed oil, lipstick, wax		PS87	UNITED STATES > Fila Chemicals USA Corp. 10800 N.W. 21 st. Street #170 Miami, FL 33172 USA Tel: +1 305 513 0708 filausa@filasolutions.com		
	Alkaline and Neutral	FILACLEANER	UNITED STATES > Fila Chemicals USA Corp. 10800 N.W. 21 st. Street #170 Miami, FL 33172 USA Tel: +1 305 513 0708 filausa@filasolutions.com		
		Ammonium	Universal		
Residual rings of organic nature	Saline Solution	Sodium hypochloride (bleach for white laundry)	Universal		
Silicone oils Machine oil Resins and glazes Coal and natural rubber Inks and markers		Filasolv or similar	UNITED STATES > Fila Chemicals USA Corp. 10800 N.W. 21 st. Street #170 Miami, FL 33172 USA Tel: +1 305 513 0708 filausa@filasolutions.com		
	Solvent	Aceton	Universal		
		Nitro - Thiner	Universal		
		Turpentine	Universal		
		Trichlorethylene	Universal		
Tire		Hand Cleanser	Universal		
		Cif ammoniacal	Universal		

INORGANIC STAINS

Cleaning agent

Detergent manufacturer



# MAXIMUM CONCERN FOR THE ENVIRONMENT



# 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.



# 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.

# WHERE QUALITY MEETS DESIGN

The elegant design and carefully crafted details of Caesar USA products are totally integrated into a sound material with a superior performance. Caesar has always focused on porcelain tiles with excellent technical properties which, over the years, have acquired more value by virtue of aesthetic interpretations that have become more diverse and refined, without losing the high quality standards that are part of the company's culture.



www.caesarceramicsusa.com/us - e-mail: info@caesarceramicsusa.com









Caesar Ceramics USA inc.

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