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Portugal  
Porcelain Stone®



# Portugal

## Porcelain Stone<sup>®</sup>

### Take a trip to Portugal with Crossville.

Inspired by Portuguese Atlantic Dark limestone, Portugal porcelain stone collection is graced with natural beauty found only in the Mediterranean. The look of the limestone captured in this line is different from others of its kind, featuring a subtle, organic surface that delivers a sophisticated, tactile elegance. The six hues in Portugal's color palette are a mix of warm and cool neutrals designed to coordinate with some of our best-selling collections, providing an even broader spectrum of Crossville tiles to mix and match for your projects.

Portugal is not only unique in its look, but also its feel. This line comes in interior and exterior finishes, offering ideal solutions for installations that flow from indoors to out. Portugal's interior unpolished field tiles range from extra large 24"x48" to 6"x24", and the textured exterior sizes, designed to an average minimum 0.60 DCOF and R11 classified, come in 12"x24" and 24"x24". The line's distinct triangular mosaic opens many design possibilities for floors and walls; it works with both linear and centered drains on wet area floors and creates a stunning vertical focal point when taken to the wall. Need something more subtle? We also offer a traditional 2"x2" mosaic. Complete your installations with bullnose or cove base made from the same material as the field tile to ensure coordination.



PTG03 ▶ Venho Verde 24 x 24 EXT



Wall: **PTG01** ▶ Velho White 12 x 24 UPS  
Floor: **PTG01** ▶ Velho White 2 x 2 Mosaic

# Color Palette

## Available Colors

### COOL

LIGHT



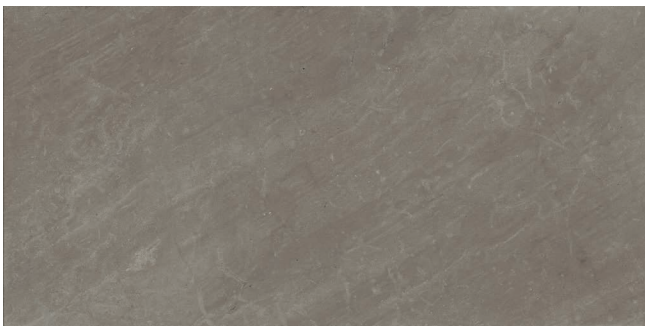
**PTG01** ▶ Velho White

MID



**PTG03** ▶ Venho Verde

DARK



**PTG05** ▶ Harvest Tawny

### WARM



**PTG02** ▶ Grand Rosé



**PTG04** ▶ Tinta Negra



**PTG06** ▶ Madeira Reserve

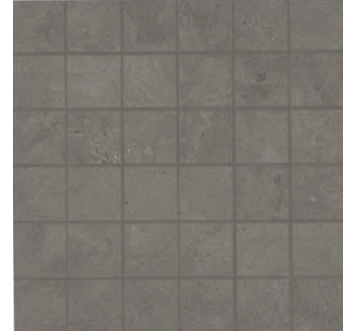
Available Mosaics



**PTG01.10202UMOS** ▶  
Velho White (Cool Light)  
2 x 2 Mosaic



**PTG03.10202UMOS** ▶  
Venho Verde (Cool Mid)  
2 x 2 Mosaic



**PTG05.10202UMOS** ▶  
Harvest Tawny (Cool Dark)  
2 x 2 Mosaic



**PTG01.1CRSUMOS** ▶  
Velho White (Cool Light)  
Crossville Mosaic†



**PTG03.1CRSUMOS** ▶  
Venho Verde (Cool Mid)  
Crossville Mosaic†



**PTG05.1CRSUMOS** ▶  
Harvest Tawny (Cool Dark)  
Crossville Mosaic†



**PTG02.10202UMOS** ▶  
Grand Rosé (Warm Light)  
2 x 2 Mosaic



**PTG04.10202UMOS** ▶  
Tinta Negra (Warm Mid)  
2 x 2 Mosaic



**PTG06.10202UMOS** ▶  
Madeira Reserve (Warm Dark)  
2 x 2 Mosaic



**PTG02.1CRSUMOS** ▶  
Grand Rosé (Warm Light)  
Crossville Mosaic†



**PTG04.1CRSUMOS** ▶  
Tinta Negra (Warm Mid)  
Crossville Mosaic†

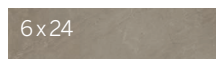
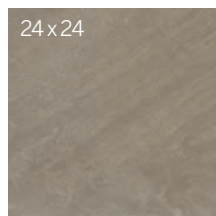


**PTG06.1CRSUMOS** ▶  
Madeira Reserve (Warm Dark)  
Crossville Mosaic†

† Due to this mosaic's design, caution should be used when installing on surfaces that might contact bare skin or other delicate materials. To prevent possible injury or damage from sharp corners that might be exposed above the grout line, install per ANSI 108 guidelines in order to minimize or prevent lippage.

# Specifications

## Sizes (Shown in PTG04 Tinta Negra)



**Crossville Mosaic†**  
(Mounted on a 217 x 372 mm sheet)



**2 x 2 Mosaic**  
(Mounted on a 298 x 298 mm sheet)

†Due to this mosaic's design, caution should be used when installing on surfaces that might contact bare skin or other delicate materials. To prevent possible injury or damage from sharp corners that might be exposed above the grout line, install per ANSI 108 guidelines in order to minimize or prevent lippage.

## Get Planked!

Our Porcelain Stone® products are available in popular plank shapes with no minimum order and quick fulfillment.

See website for more details and sizes.



## Sizes & Finishes

### Field Tile - Rectified

Available in all colors

Nominal (in)	Actual (mm)	Thickness (mm)	Grout Joint (mm)	Finish
6 x 24	147 x 597	10.5	3	UPS
12 x 24	297 x 597	10.5	3	UPS/EXT
24 x 24	597 x 597	10.5	3	UPS/EXT
24 x 48	597 x 1197	10.5	3	UPS

Crossville recommends a grout joint of 3mm.

Actual measurements stated in inches indicate tile is calibrated (non-rectified).

Actual measurements stated in mm indicate tile is rectified.

### Mosaics

Available in all colors

Nominal (in)	Actual Size (mm)	Thickness (mm)	Grout Joint (mm)	Finish
2 x 2 Mosaic*	298 x 298	10.5	3	UPS
Crossville Mosaic†	217 x 372	10.5	2	UPS

\* Mounted on 12 x 12 sheet with 3mm grout joints

†Due to this mosaic's design, caution should be used when installing on surfaces that might contact bare skin or other delicate materials. To prevent possible injury or damage from sharp corners that might be exposed above the grout line, install per ANSI 108 guidelines in order to minimize or prevent lippage.

### Coordinating Trim

Available in all colors

Nominal (in)	Actual (mm)	Thickness (mm)	Grout Joint (mm)	Finish
6 x 12 Cove Base	150 x 297	10	3	UPS
4 x 24 Single Bullnose	96 x 597	10.5	3	UPS



6 x 12 Cove Base



4 x 24 Bullnose

## Product Performance

Breaking Strength	>500 lbf	ASTM C648
Bond Strength	>200 psi	ASTM C482
Chemical Resistance	Unaffected	ASTM C650
Frost Resistance	Resistant	ASTM C1026
Water Absorption	<0.20%	ASTM C373
Scratch Hardness	7	Mohs Scale

## Wet Dynamic Coefficient of Friction Range

UPS	0.50 - 0.60	AcuTest <sup>sm</sup>
EXT (Textured)	0.60 - 0.70	AcuTest <sup>sm</sup>

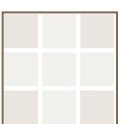
## Shade & Texture Index

Portugal has a shade variation of V2.

V1



V2



V3



V4



V1 Uniform appearance

**V2 Slight Variation**

V3 Moderate Variation

V4 Substantial Variation

This porcelain tile product is produced with a V2 variation. Expect that the amount of color and texture on each piece may vary slightly. Inspect the product upon delivery and for best results, blend tile from several cartons during installation.

### Recommended Use

Portugal UPS is recommended for interior floors, walls, counter tops and exterior walls in both residential and commercial applications. Portugal EXT is recommended for exterior floors and walls in both residential and commercial applications. **If offset pattern is required for tiles 15 inches or longer, Crossville® recommends an offset of not greater than 33%.** See CrossvilleInc.com for detailed installation instructions.

### Wet area use for Portugal Mosaics

Crossville® produces the Portugal 2 x 2 and Crossville mosaics with the Cross-Sheen® (UPS) finish. The AcuTest<sup>sm</sup> wet Dynamic COF of Portugal is  $\geq 0.42$ . Their small sizes ensure frequent grout joints which provides traction and drainage. Crossville cannot control situations involving incorrect installation, improper slope to the drain for elimination of standing water and poor surface cleaning.

This information is provided so that customers may make a realistic and informed decision when comparing Portugal to other tile products in wet area environments, such as residential/commercial bathrooms, showers, and interior pool decks.

### Care and Maintenance

Regular cleaning is the best way to keep Portugal tile looking good for years to come. Use clean, hot water (combined with a household cleaner for more aggressive cleaning). Rinse thoroughly and dry with a soft cloth to prevent water spots. No waxes or sealers are needed. More information regarding the care and maintenance of Crossville products is available at CrossvilleInc.com.

### Our Warranty

Crossville Inc guarantees that its products will meet or exceed the performance specifications outlined in ANSI A137.1-2012 and in the performance data section of the Crossville, Inc. general product catalog. For complete details check our website at CrossvilleInc.com.

### Hydrotect

Our porcelain tiles are available with Hydrotect. Crossville's revolutionary invisible coating harnesses the power of light, water, and oxygen to create the best defense against dirt and pollution. Whether indoors or out, floors and walls stay cleaner, providing a superior experience in any space. Please request a sample before ordering. For complete details check our website at CrossvilleInc.com.



*Information listed here is subject to change. Please refer to CrossvilleInc.com for the latest, most accurate information.*



Pool Deck:  
PTG04 ▶ Tinta Negra 12 x 24 EXT

### Trade Organizations



### Environmentally Aware



# Portugal

**Crossville, Inc.**

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Floor: **PTG06** ▶ Madeira Reserve 24 x 24 EXT  
Wall: **PTG06** ▶ Madeira Reserve 24 x 48 UPS  
Cover - Floor: **PTG02** ▶ Grand Rosé 6 x 24 UPS  
Cover - Wall: **PTG02** ▶ Grand Rosé 24 x 24 UPS



LIT-PTG-20