

FIRENZE  
DESIGN STONES

STONESOURCE



## FIRENZE **DESIGN STONES**

**The essential signature. Ceramic matter  
that lives in space.**

Firenze Design Stones is a collection with an engineered stone effect. The combination of four stones from different quarries contributed to the definition of all-new graphic designs, recreating a stone which does not exist in nature, but that has a natural and highly balanced aesthetic.

# FIRENZE DESIGN STONES

## 4 COLORS

White  
Gray  
Taupe  
Dark

## 3 FINISHES

Natural R10  
Satin  
Grip R11

## 3 VARIATIONS

Line  
Dot  
Mark

## SIZES 10MM

24"x48"  
24"x24"  
12"x24"

## SIZES 20MM

24"x48"  
24"x24"

## SIZES 6MM

48"x102"  
48"x48"



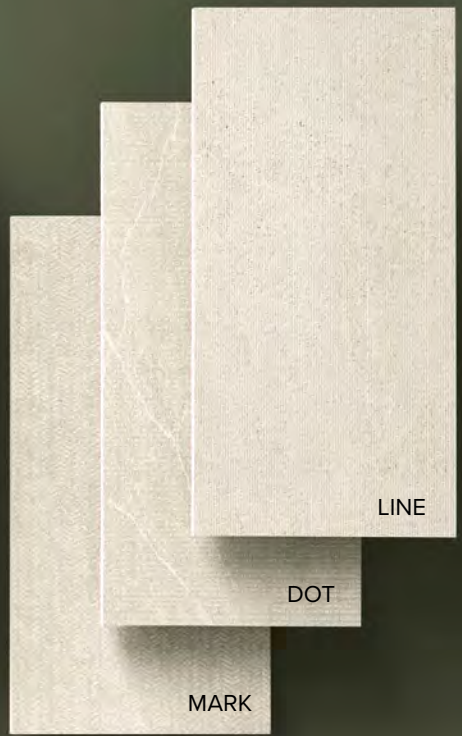
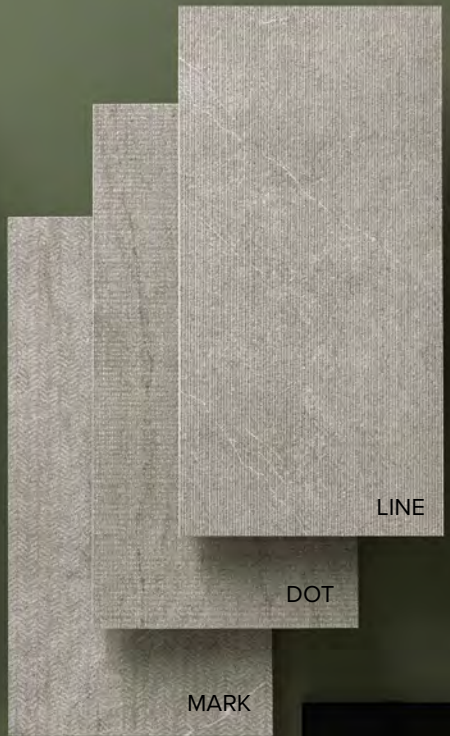
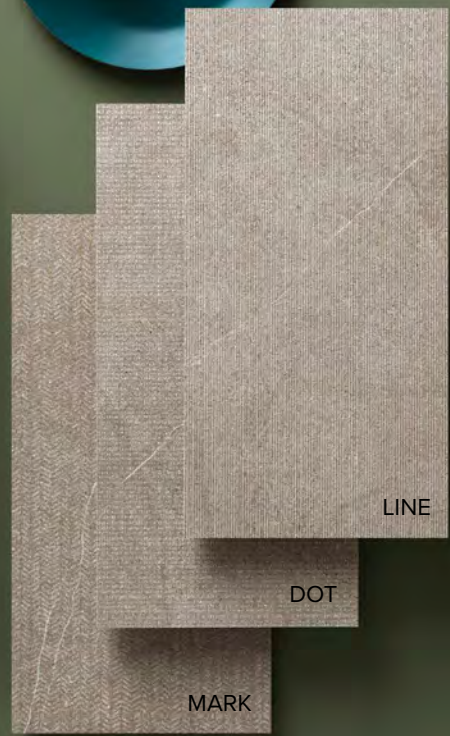
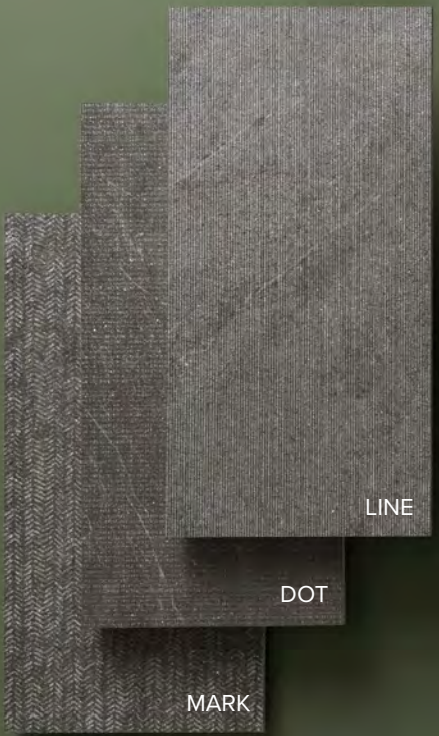
## COLORS /

Firenze Design Stones stands out for its' four color variations: neutral tones that go from pure White to luminous Gray, and from warm Taupe to elegant Dark, a mixture of grey and dark brown. The meticulous and impassioned study of colour begins with the examination of original tones and ends with the scrupulous fine tuning of the four variations.



BACKGROUND VARIATIONS

OPTION  
3  
BACKGROUND VARIATIONS



OS

WHITE





WHITE Natural 48"x48" Rectified



**FLOOR**  
WHITE Natrua 48"x48" Rectified



**WALL**  
WHITE Natural 48"x102" Rectified



**FLOOR**  
WHITE Natural 24"x48" Rectified

**WALL**  
WHITE Line Natural 12"x24" Rectified



**WALL**  
WHITE Line Natural 12"x24" Rectified

**FLOOR**  
WHITE Natural 24"x48" Rectified



**WALL**  
WHITE Line Natural 12"x24" Rectified



**FLOOR**  
WHITE Natural 24"x48" Rectified



WHITE Natural 24"x48" Rectified



WHITE Line Natural 24"x24" Rectified

WHITE Line Natural 24"x24" Rectified



GRAY





**FLOOR**  
GRAY Natural 48"x48" Rectified

**WALL**  
GRAY Natural 48"x102" Rectified  
DARK Graf 48"x102" Rectified



GRAY Natural 48"x48" Rectified



DARK Graf 48"x102" Rectified



**LEFT WALL**  
GRAY Mark Natural 12"x24" Rectified

**FLOOR**  
GRAY Natural 24"x48" Rectified

**RIGHT WALL**  
GRAY Gramma 72 Natural 19.5"x6"

GRAY Mark Natural 12"x24" Rectified





GRAY Mark Natural 12"x24" Rectified



GRAY Gamma 72 Natural 19.5"x6"

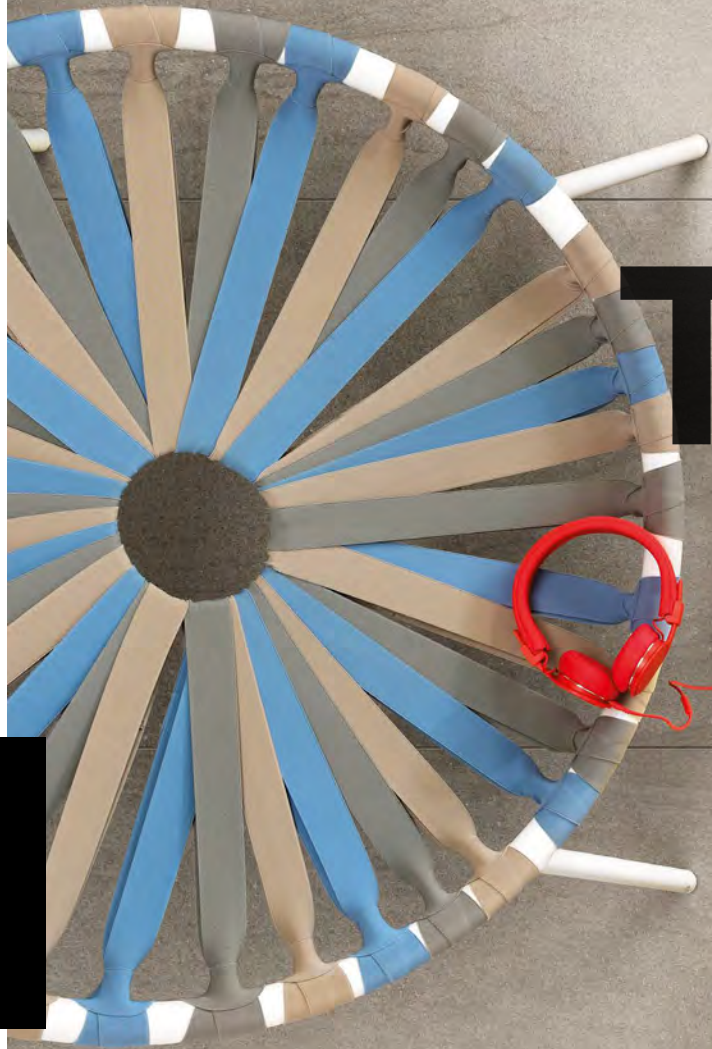




GRAY Dot Natural 24"x24" Rectified



# TAUPE





**FLOOR**  
TAUPE Natural 48"x48" Rectified

**WALL**  
TAUPE Natural 48"x102" Rectified



**FLOOR**  
TAUPE Natural 48"x48" Rectified

**WALL**  
TAUPE Natural 48"x102" Rectified



TAUPE Natural 48"x48" Rectified

TAUPE Satin 24"x48" Rectified





**FLOOR**  
TAUPE Natural 24"x24" Rectified

**SHOWER**  
TAUPE Mosaic Natural 12"x12"

**RIGHT WALL**  
TAUPE Mosaic Mix 12"x12"

TAUPE Natural 24"x48" Rectified





TAUPE Natural 24"x24" Rectified



TAUPE Mosaic Natural 12"x12"



TAUPE Mosaic Mix 12"x12"



20  
MM

## OUTDOOR TILE & 2CM PAVERS

TAUPE Grip R11 24"x48" Rectified **20MM**  
DARK Grip R11 24"x24" Rectified **20MM**



# DARK



**FLOOR**  
DARK Natural 48"x48" Rectified

**WALL**  
DARK Natural 48"x102" Rectified

**WALL**  
DARK Natural 48"x102" Rectified





**WALL**  
DARK Natural 48"x48" Rectified



**FLOOR**  
DARK Dot Natural 24"x24" Rectified

**WALL**  
DARK Line Natural 12"x24" Rectified



DARK Dot Natural 24"x24" Rectified



DARK Line Natural 12"x24" Rectified



DARK Line Natural 12"x24" Rectified



DARK Satin 24"x48" Rectified





DARK Mark Natural 12"x24" Rectified

DARK Mark Natural 12"x24" Rectified





**PURE SOLUTIONS**  
ANTIMICROBIAL TILE  
**FIRENZE DIVISION**

**EXTREMELY HIGH PERFORMANCE ANTIMICROBIAL FLOOR AND WALL TILES,  
DESIGNED FOR HEALTHY, SAFE AND PROTECTED SPACES**



WHITE



GRAY



TAUPE



DARK



## COLOR AVAILABILITY



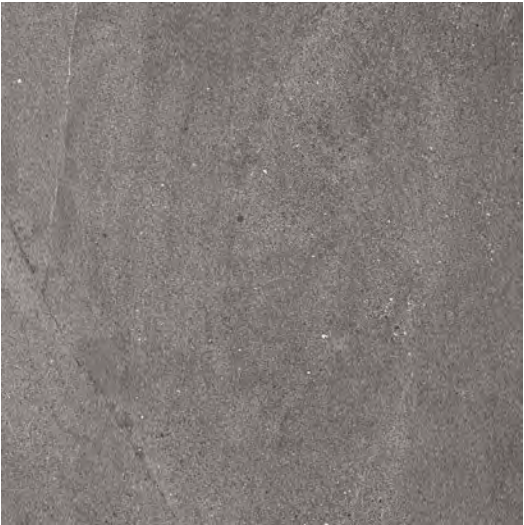
WHITE



GRAY



TAUPE

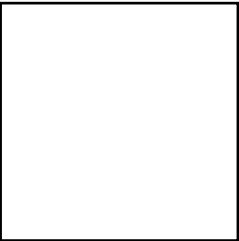


DARK

## SIZE AVAILABILITY



**24"x48" Rectified**  
*Thickness: 10mm*  
*Finish: Natural/Satin*  
*Available in all colors*



**24"x24" Rectified**  
*Thickness: 10mm*  
*Finish: Natural/Satin/Grip R11*  
*Available in all colors*



**12"x24" Rectified**  
*Thickness: 10mm*  
*Finish: Natural/Satin*  
*Available in all colors*

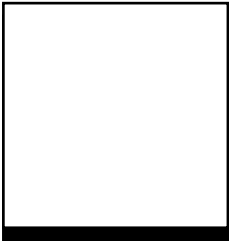


**Gramma 72 19.5"x6"**  
*Thickness: 10mm*  
*Finish: Natural*  
*Available in all colors*

## OUTDOOR TILE & 2CM PAVERS\*



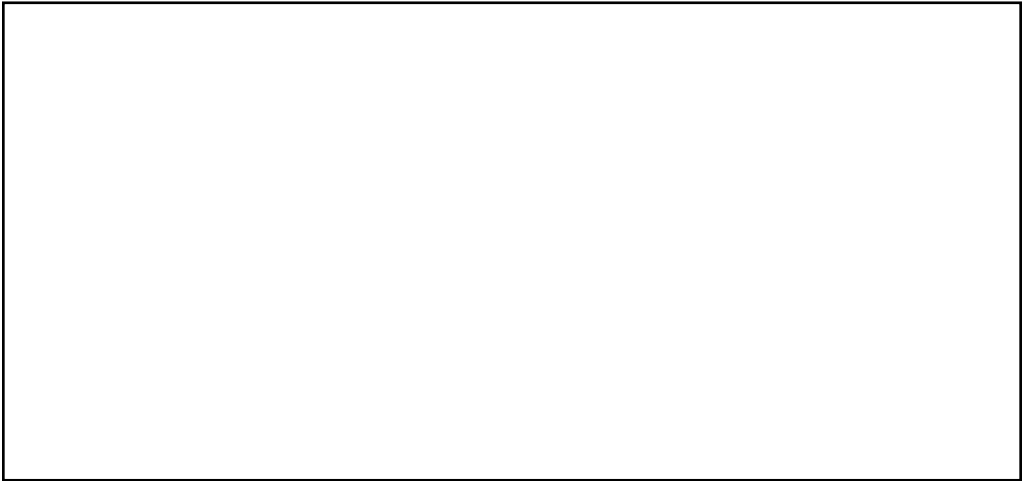
**24"x48" Rectified**  
*Thickness: 20mm (2cm)*  
*Finish: Grip R11*  
*Available in all colors*



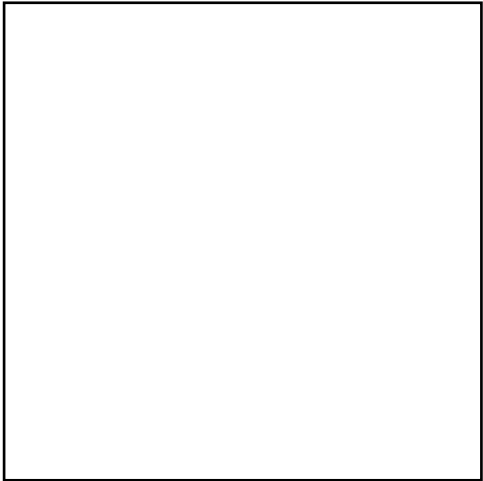
**24"x24" Rectified**  
*Thickness: 20mm (2cm)*  
*Finish: Grip R11*  
*Available in all colors*

*\*2cm Pavers are not inclusive of the Pure Solutions antimicrobial technology.*

THIN PORCELAIN SLABS



**48"x102" Rectified**  
*Thickness: 6mm*  
*Finish: Natural*  
*Available in all colors*



**48"x48" Rectified**  
*Thickness: 6mm*  
*Finish: Natural*  
*Available in all colors*

THIN PORCELAIN SLABS - DECORS

Graf A 48"x102" Rectified

Thickness: 6mm - Finish: Natural



GRAY



TAUPE



DARK

Graf B 48"x102" Rectified

Thickness: 6mm - Finish: Natural



GRAY



TAUPE



DARK

Graf C 48"x102" Rectified

Thickness: 6mm - Finish: Natural



GRAY



TAUPE



DARK

**BACKGROUND VARIATIONS**

**Dot 24"x24" Rectified / 12"x24" Rectified**  
*Thickness: 10mm - Finish: Natural*



**WHITE**



**GRAY**



**TAUPE**



**DARK**



**Line 24"x24" Rectified / 12"x24" Rectified**  
*Thickness: 10mm - Finish: Natural*



**WHITE**



**GRAY**



**TAUPE**



**DARK**



**Mark 24"x24" Rectified / 12"x24" Rectified**  
*Thickness: 10mm - Finish: Natural*



**WHITE**



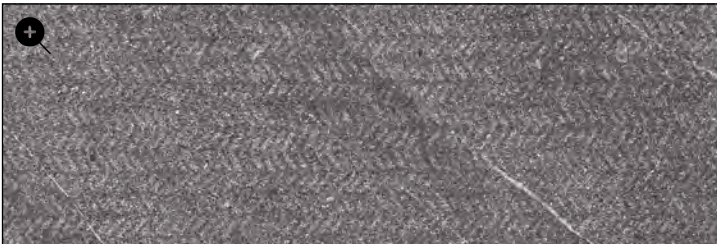
**GRAY**



**TAUPE**



**DARK**



# FIRENZE DESIGN STONES

## DECORS

### Muretto 12"x24"

Finish: Natural



WHITE



GRAY



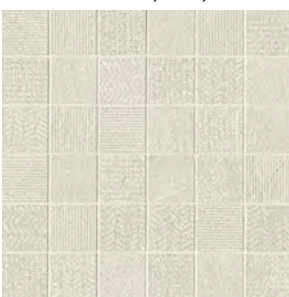
TAUPE



DARK

### Mosaic Mix 12"x12"

Finish: Natural, Dot, Line & Mark Mix



WHITE



GRAY



TAUPE



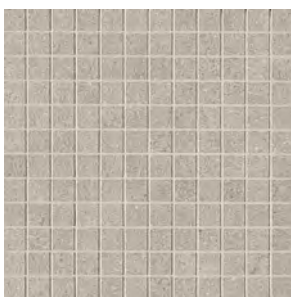
DARK

### Mosaic 12"x12"

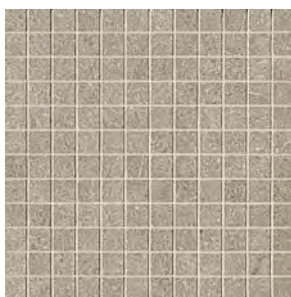
Finish: Natural



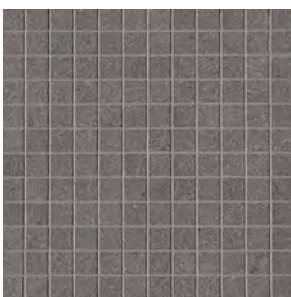
WHITE



GRAY

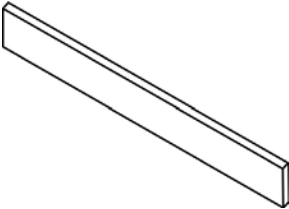


TAUPE

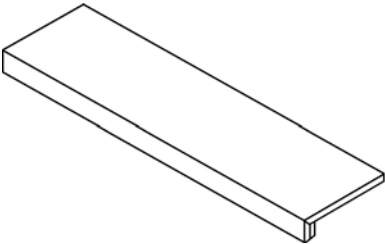


DARK

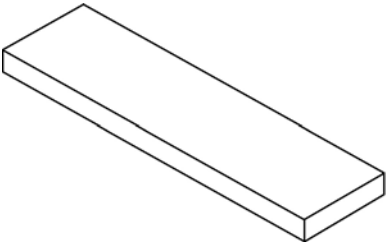
## SPECIAL PIECES



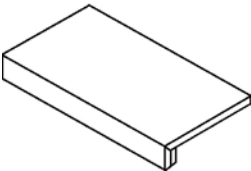
**Bullnose 2.15"x24" Rectified**  
*Finish: Natural/Satin*  
*Available in all colors*



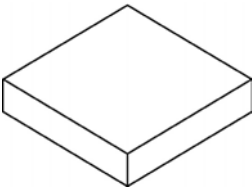
**Step 13.75"x48" Rectified**  
*Finish: Natural/Satin*  
*Available in all colors*



**Step Corner DX/SX 13.75"x48" Rectified**  
*Finish: Natural/Satin*  
*Available in all colors*  
*\*Available on request*

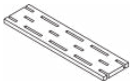
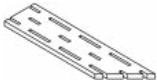
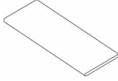
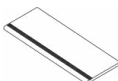
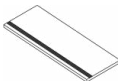
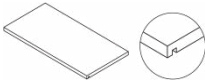
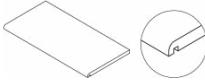


**Step 13.75"x24" Rectified**  
*Finish: Grip R11*  
*Available in all colors*



**Step Corner 13.75"x13.75" Rectified**  
*Finish: Grip R11*  
*Available in all colors*

OUTDOOR TILE & 2CM PAVERS - SPECIAL PIECES

|                                                                                                                                                                      |          |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|
| <br>GRIGLIA 6"x24" Rectified                           | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>GRIGLIA CORNER DX/SX 6"x24" Rectified*            | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA TORO 12"x24" Rectified*                     | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA TORO CORNER DX/SX 12"x24" Rectified*        | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA RETTA 12"x24" Rectified*                    | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA RETTA CORNER DX/SX 12"x24" Rectified*       | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA TORO STEP 12"x24" Rectified*                | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA RETTA STEP 12"x24" Rectified*             | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA RETTA CON GOCCIOLATOIO 12"x24" Rectified* | GRIP R11 | WHITE/GRAY/TAUPE/DARK |
| <br>COSTA TORO CON GOCCIOLATOIO 12"x24" Rectified*  | GRIP R11 | WHITE/GRAY/TAUPE/DARK |

\*Available on request

# FIRENZE DESIGN STONES

## PACKAGING

| ITEM                      | CM        | PCS/BOX | MQ/BOX   | KG/BOX | BOX/PAL | MQ/PAL     | KG/PAL  |
|---------------------------|-----------|---------|----------|--------|---------|------------|---------|
| 48"x102" - 6mm            | 120x260   | 1       | 3.1      | 44.0   | 20      | 62.40      | 880.0   |
| Graf 48"x102" - 6mm       | 120x260   | 1       | 3.1      | 44.0   | 20      | 62.40      | 880.0   |
| 48"x48" - 6mm             | 120x120   | 2       | 2.8      | 40.6   | 25      | 72.00      | 1,015.0 |
| 12"x24"                   | 30x60     | 8       | 1.44     | 32.5   | 32      | 46.1       | 1040.0  |
| 24"x24"                   | 60x60     | 4       | 1.44     | 32.5   | 32      | 46.1       | 1040.0  |
| 24"x24" - 20mm            | 60x60     | 2       | 0.72     | 32.5   | 32      | 23.0       | 1040.0  |
| 24"x48"                   | 60x120    | 2       | 1.44     | 35.5   | 36      | 51.8       | 1278.0  |
| 24"x48" - 20mm            | 60x120    | 1       | 0.72     | 32.5   | 32      | 23.0       | 1040.0  |
| Gamma 72 19.5"x6"         | 49.8x16.9 | 14      | 1.01     | 23.0   | 32      | 32.3       | 736.0   |
| Muretto 12"x24"           | 30x60     | 4       | 0.72     | 15.6   | 30      | 21.6       | 468.0   |
| Mosaic Mix 12"x12"        | 30x30     | 5       | 0.45     | 10.0   | 60      | 27.0       | 600.0   |
| Mosaic 12"x12"            | 30x30     | 5       | 0.45     | 10.0   | 60      | 27.0       | 600.0   |
| Bullnose                  | 5.5x60    | 12      | 7.2 m.l. | 8.5    | 50      | 360.0 m.l. | 426.0   |
| Step 13.75"x48"           | 35x120    | 2       | 0.84     | 23.2   | 16      | 13.4       | 371.2   |
| Step Corner 13.75"x48"    | 35x120    | 1       | 0.42     | 12.4   | 16      | 6.7        | 198.4   |
| Step 13.75"x24"           | 35x60     | 4       | 0.84     | 21.4   | 16      | 13.4       | 342.4   |
| Step Corner 13.75"x13.75" | 35x35     | 2       | 0.25     | 6.7    | 36      | 8.8        | 241.2   |

TECHNICAL CHARACTERISTICS FULL BODY PORCELAIN UGL according to: ISO 13006 (Group Bla) - EN 14411 G (Group Bla), ANSI A137.1 (P1 Class)

| TECHNICAL CHARACTERISTIC    | TEST METHOD                     | REQUIRED VALUE               | AVERAGE VALUES                                                                            |
|-----------------------------|---------------------------------|------------------------------|-------------------------------------------------------------------------------------------|
| Water Absorption            | ISO 10545-3                     | ≤ 0.5%                       | 0.05%                                                                                     |
|                             | ASTM C373                       |                              |                                                                                           |
| Breaking Strength           | ISO 10545-4                     | ≥ 1300 N/mm <sup>2</sup>     | 2500 N (10mm) / 13600 N (20mm)                                                            |
|                             | ASTM C1505                      | ≥ 250 lbf                    | 600 lbf (10mm) / 2500 lbf (20mm)                                                          |
| Modulus of Rupture          | ISO 10545-4                     | ≥ 35 N/mm <sup>2</sup>       | 50 N/mm <sup>2</sup>                                                                      |
| Resistance to Deep Abrasion | ISO 10545-6                     | ≤ 175mm <sup>3</sup>         | 145mm <sup>3</sup>                                                                        |
|                             | ASTM C1243                      |                              |                                                                                           |
| Linear Thermal Expansion    | ISO 10545-8                     | -                            | α ≤ 7x10 <sup>-6</sup> °C <sup>-1</sup>                                                   |
|                             | ASTM C372                       | No provision                 | α ≤ 4.4x10 <sup>-6</sup> °F <sup>-1</sup> / α ≤ 8x10 <sup>-6</sup> °C <sup>-1</sup>       |
| Stain Resistance            | ISO 10545-14                    | Class 3 min.                 | 5 Resistant                                                                               |
|                             | ASTM C1378                      | As indicated by manufacturer | A Resistant                                                                               |
| Chemical Resistance         | ISO 10545-13                    | As indicated by manufacturer | LA - HA Resistant                                                                         |
|                             | ASTM C650                       | As indicated by manufacturer | A Resistant                                                                               |
| Frost Resistance            | ISO 10545-12                    | No alteration                | Resistant                                                                                 |
|                             | ASTM C1026                      | As indicated by manufacturer | Resistant                                                                                 |
| Recommended Monimum Joint   | INDOOR                          | -                            | 2mm                                                                                       |
|                             | OUTDOOR                         | -                            | 5mm approx.                                                                               |
| Slip Resistance             | DIN 51130                       | -                            | <b>Natural:</b> R10<br><b>Grip:</b> R11                                                   |
| D.C.O.F.                    | ANSI A 137.1-2012<br>(BOT 3000) | ≥ 0.42 Wet                   | <b>Natural R10:</b> > 0.42 Wet<br><b>Satin:</b> > 0.42 Wet<br><b>Grip R11:</b> > 0.42 Wet |

The color of the tiles printed in this catalog may differ from actual tiles. Tile color reproductions in this brochure are representative only.  
Slight tone and shade variations are inherent in porcelain tiles. Before selecting a color, we recommend that you contact a CTL representative before selecting.



TECHNICAL CHARACTERISTICS 6mm LAMINATED PORCELAIN STONEWARE UGL according to: ISO 13006 G (Group Bla) - EN 14411 G (Group Bla UGL), ANSI A137.3 (gauged porcelain tiles/panels/slabs)

| TECHNICAL CHARACTERISTIC    | TEST METHOD                  | REQUIRED VALUE               | AVERAGE VALUES                                                                                                              |
|-----------------------------|------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Water Absorption            | ISO 10545-3                  | ≤ 0.5%                       | 0.1%                                                                                                                        |
|                             | ASTM C373                    |                              |                                                                                                                             |
| Breaking Strength           | ISO 10545-4                  | ≥ 35 N/mm²                   | ≥ 50 N/mm²                                                                                                                  |
|                             | ASTM C1505                   | ≥ 6,000 PSI                  | ≥ 6,000 PSI                                                                                                                 |
| Resistance to Deep Abrasion | ISO 10545-6                  | ≤ 175mm³                     | Conforms                                                                                                                    |
|                             | ASTM C1243                   |                              |                                                                                                                             |
| Linear Thermal Expansion    | ISO 10545-8                  | -                            | $\alpha \leq 7 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$                                                                |
|                             | ASTM C372                    | No provision                 | $\alpha \leq 4.4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1} / \alpha \leq 8 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$ |
| Stain Resistance            | ISO 10545-14                 | Class 3 min.                 | 5 Resistant                                                                                                                 |
|                             | ASTM C1378                   | As indicated by manufacturer | Class A Resistant                                                                                                           |
| Chemical Resistance         | ISO 10545-13                 | As indicated by manufacturer | LA - HA Resistant                                                                                                           |
|                             | ASTM C650                    | As indicated by manufacturer | Class A Resistant                                                                                                           |
| Frost Resistance            | ISO 10545-12                 | No alteration                | Resistant                                                                                                                   |
|                             | ASTM C1026                   | As indicated by manufacturer | Resistant                                                                                                                   |
| Slip Resistance             | DIN 51130                    | -                            | <b>Natural:</b> R10                                                                                                         |
| D.C.O.F.                    | ANSI A 137.1-2012 (BOT 3000) | ≥ 0.42 Wet                   | <b>Natural R10:</b> > 0.42 Wet                                                                                              |

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Slight tone and shade variations are inherent in porcelain tiles. Before selecting a color, we recommend that you contact a CTL representative before selecting.

