

Neostone *porcelain stoneware*



ARABESCATO



Honed: USANEAR1224
Polished: USANPAR1224



| 12 x 24 |

Honed: USANEAR412
Polished: USANPAR412



| 4 x 12 |

Honed: USANEARBN424
Polished: USANPARBN424



| 4 x 24 bullnose |

Honed: USANEARMOSTIZ



10x12 sheet

| tiziano mosaic |

Honed: USANEARMOS22
Polished: USANPARMOS22



12x12 sheet

| 2 x 2 mosaic |

Honed: USANEAR1248



| 12 x 48 |

*Honed: USANEAR848**



| 8 x 48 |

*Honed: USANEAR2448**
*Polished: USANPAR2448**



| 24 x 48 |

**Non-Stock / Special Order Item: Allow 1-2 Weeks for Delivery*

BLUE



Honed: USANEBL412
Polished: USANPBL412



| 4 x 12 |

Honed: USANEBLBN424
Polished: USANPBLBN424



| 4 x 24 bullnose |

Honed: USANEBL1224
Polished: USANPBL1224



| 12 x 24 |

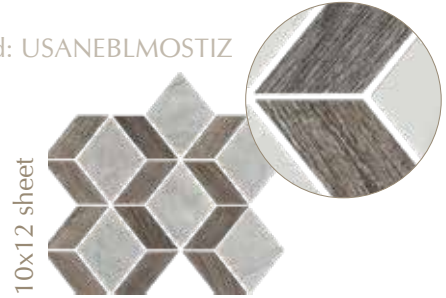
Honed: USANEBLMOS22
Polished: USANPBLMOS22



12x12 sheet

| 2 x 2 mosaic |

Honed: USANEBLMOSTIZ



10x12 sheet

| tiziano mosaic |

Honed: USANEBL1248



| 12 x 48 |

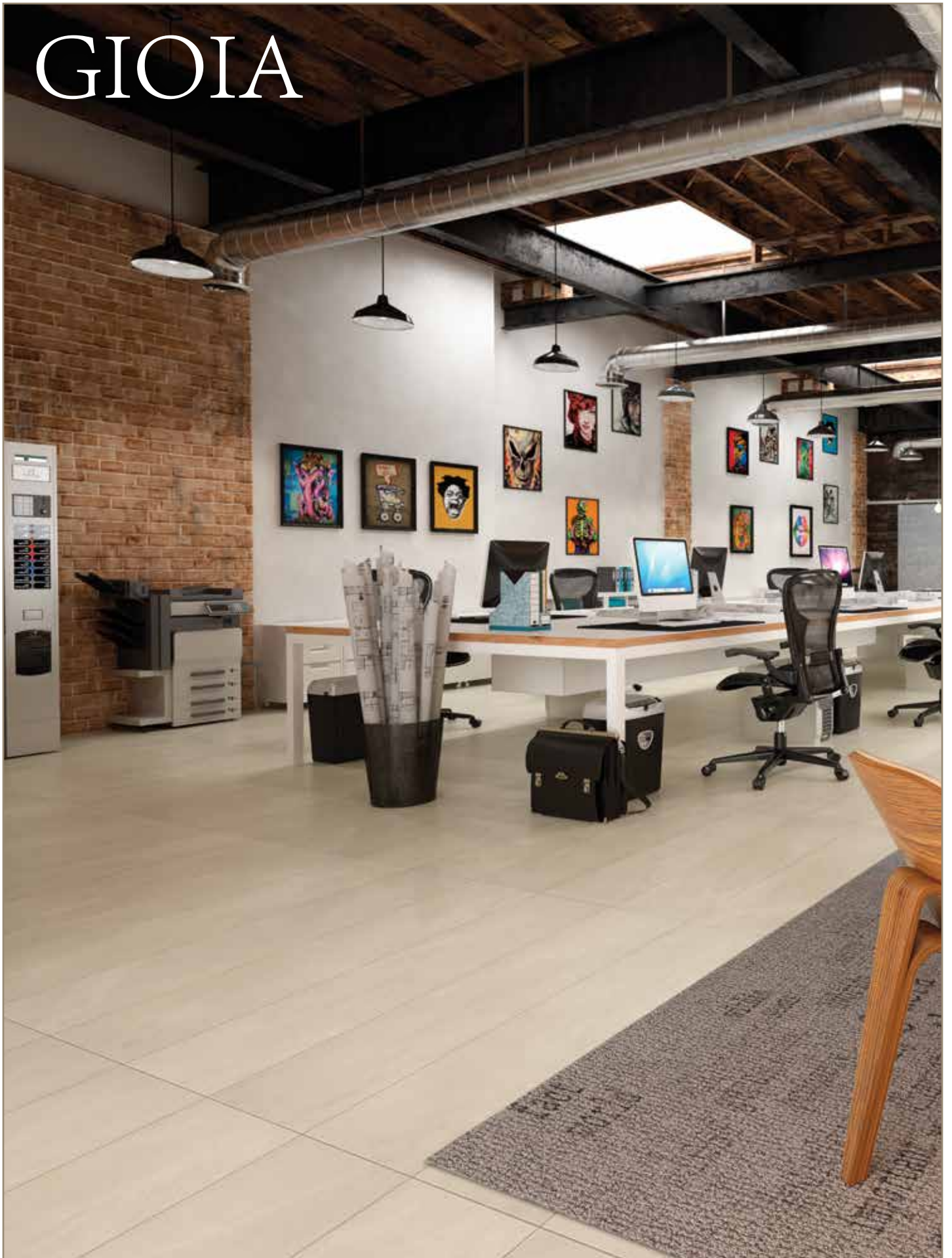
*Honed: USANEBL2448**
*Polished: USANPBL2448**



| 24 x 48 |

**Non-Stock / Special Order Item: Allow 1-2 Weeks for Delivery*

GIOIA



Honed: USANEGI412



| 4 x 12 |

Honed: USANEGIBN424



| 4 x 24 bullnose |

Honed: USANEGI1224



| 12 x 24 |

Honed: USANEGIMOS22



12x12 sheet

| 2 x 2 mosaic |

Honed: USANEGIMOSTIZ



10x12 sheet

| tiziano mosaic |



Honed: USANEGI1248



| 12 x 48 |

Honed: USANEGI2448*



| 24 x 48 |

*Non-Stock / Special Order Item: Allow 1-2 Weeks for Delivery

PANAZZO



Honed: USANEP412
Polished: USANPP412



| 4 x 12 |

Honed: USANEPABN424
Polished: USANPPABN424



| 4 x 24 bullnose |

Honed: USANEP1224
Polished: USANPP1224



| 12 x 24 |

Honed: USANEPAMOS22
Polished: USANPPAMOS22



12x12 sheet

| 2 x 2 mosaic |

Honed: USANEPAMOSTIZ



10x12 sheet

| tiziano mosaic |

Honed: USANEP1248



| 12 x 48 |

Honed: USANEP2448*
Polished: USANPP2448*



| 24 x 48 |

**Non-Stock / Special Order Item: Allow 1-2 Weeks for Delivery*

VENATO



Honed: USANEVE412
Polished: USANPVE412



| 4 x 12 |

Honed: USANEVEBN424
Polished: USANPVEBN424



| 4 x 24 bullnose |

Honed: USANEVE1224
Polished: USANPVE1224



| 12 x 24 |

Honed: USANEVEMOS22
Polished: USANPVEMOS22



12x12 sheet

| 2 x 2 mosaic |

Honed: USANEVEMOSTIZ



10x12 sheet

| tiziano mosaic |

Honed: USANEVE1248



| 12 x 48 |

Honed: USANEVE2448*
Polished: USANPVE2448*



| 24 x 48 |

**Non-Stock / Special Order Item: Allow 1-2 Weeks for Delivery*





Suggested Applications

Floor Wall Residential Light Commercial Heavy Commercial Exterior Pools

*Wear can vary greatly. please consult with a professional.

Installation Suggestions

Plank Installation* Modular Setting Joint Size 3/32" plank 3/16" modular

*Install the offset the width of the plank. For professional installation, the use of leveling spacers for all plank and rectangular (ie. 12x24) format tiles is recommended.

EDGE: Straight/Pressed Rustic Rectified

FINISH: Matte Polished Structured Honed Semi-Polished

Porcelain Type

through-body color-bodied glazed unglazed double-loaded other _____

Shade Variation

V1 Uniform Appearance V2 Slight Variation V3 Moderate Variation V4 Substantial Variation

THICKNESS: 8mm **# OF FACES:** 12=24x48, 24=12x24, 1=8x48

Slip Resistance

DCOF	Values	Applications	DIN 51097	Critical Angle	
<input checked="" type="checkbox"/> .61	0.42	Recommended Standard DCOF value for wet/dry commercial flooring	<input checked="" type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
<input type="checkbox"/> .65	0.65	Recommended Standard DCOF value for ADA ramps	<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
			<input type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, inclined pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

ASTM C-1028
ANSI A137.1
DIN 51097/51130

DIN 51130 *R9: Industry Standard/ADA Requirements **R11: Recommended For Exteriors
 R9* (3-10°) R10 (10-19°) R11** (19-27°)
 R12 (27-35°) R13 (>35°)

Scratch Resistance

MINERAL
 1. Talc (Talc) 6. Microline (Glass, Glazed Tile)
 2. Gypsum (Fingernail) 7. Quartz (Unglazed Porcelain)
 3. Calcite (Penny) 8. Topaz (Granite)
 4. Flourite (Some Marbles) 9. Corundum (Ruby)
 5. Apatite (Knife Blade) 10. Diamond (Diamond)

Industry standard ≤175mm²

Wear Resistance
PEI RATING
UNI EN ISO
10545.7

Class 1: Walls only
 Class 2: Residential floors w/minimal abrasive traffic
 Class 3: Residential interiors/light commercial traffic
 Class 4: Medium commercial applications
 Class 5: All commercial applications/heavy traffic
*Wear can vary greatly. please consult with a professional.

Stain Resistance

Water Absorption
ASTM C-373
UNI EN ISO
10545.3

5: Removed after 5 minutes (hot water running)
 4: Removed by manual cleaning (weak detergent)
 3: Removed by mechanical cleaning (strong detergent)
 2: Removed by immersion (24 hrs in suitable solvent)
 1: Stain not removed

Absorbs 0-5% Absorbs .5-3% Absorbs 3-7% Absorbs 7% +

Impervious Interior/Exterior Frost Resistant
Vitreous Interior/Exterior Frost Resistant
Semi-Vitreous Indoor Use Only
Non-Vitreous Indoor Use Only

Breaking Strength

Facial Dimension
ASTM c499-09
UNI EN ISO
10545.02

	Standard	Tolerance	Result
flatness	±5mm	±.5%	<input type="checkbox"/>
thickness	±6mm	±.5%	<input type="checkbox"/>
straightness	±4.5mm	±.5%	<input type="checkbox"/>
squareness	±5.4mm	±.6%	<input type="checkbox"/>
sides L/W	±1.1mm ±4.5mm	±.5%	<input type="checkbox"/>

Chemical Resistance
ASTM C650
UNI EN ISO
10545.13

Allowances for: result
 Acid
 Bases
 Chemicals

Leed Information

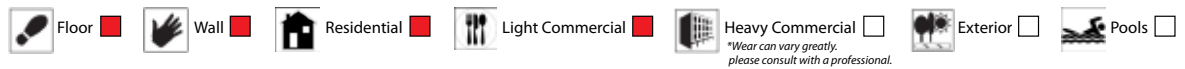
REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	1 Point	Materials & Resources	1 Point	2 Points
Site selection		M&R CREDIT 2		
SS CREDIT 1	<input type="checkbox"/>	Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input checked="" type="checkbox"/>	70% <input checked="" type="checkbox"/>
Heat Island Effect-non roof		M&R CREDIT 4.1-4.2		
Material with a solar reflectant index of at least 29.	<input type="checkbox"/>	Recycled Content: The sum of post consumer plus 1/2 of the pre consumer reps at least 10-20% of total value of materials.	10% <input checked="" type="checkbox"/>	20% <input checked="" type="checkbox"/>
Energy & Atmosphere	1 Point	M&R CREDIT 5		
EA CREDIT 4	<input type="checkbox"/>	Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input checked="" type="checkbox"/>	20% <input checked="" type="checkbox"/>
Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT		Innovation in Design		1-5 Points
Indoor Environmental Quality	1 Point	ID CREDIT 1		<input type="checkbox"/>
Low-Emitting Materials-Flooring Systems		Innovation in Design		
IEQ CREDIT 3.1-7	<input type="checkbox"/>	Measurable exemplary environmental performance.		
Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.				
IEQ CREDIT 4.1	<input type="checkbox"/>			
Low Emitting Adhesives: Products less than 65 G/L VOC				
IEQ CREDIT 4.3	<input checked="" type="checkbox"/>			
Low Emitting Materials: Flooring systems.				

Type: **Matte Porcelain**
Product Line: **Neostone**

The marketing name for this product is property of Cancos Tile & Stone. This same product may be marketed under different names.

Suggested Applications

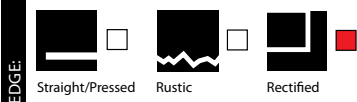


*Wear can vary greatly. please consult with a professional.

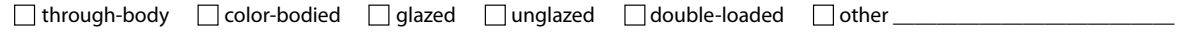
Installation Suggestions



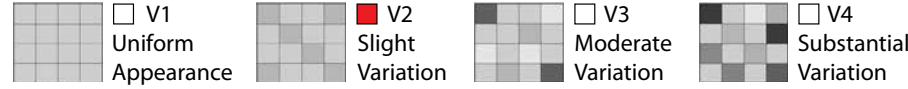
*Install the offset the width of the plank. For professional installation, the use of leveling spacers for all plank and rectangular (ie. 12x24) format tiles is recommended.



Porcelain Type



Shade Variation



Slip Resistance

DCOF	Values	Applications
<input type="checkbox"/>	0.42	Recommended Standard DCOF value for wet/dry commercial flooring
<input checked="" type="checkbox"/>	0.65	Recommended Standard DCOF value for ADA ramps

DIN 51130 *R9: Industry Standard/ADA Requirements **R11: Recommended For Exteriors

<input type="checkbox"/> R9* (3-10°)	<input type="checkbox"/> R10 (10-19°)	<input type="checkbox"/> R11** (19-27°)
<input type="checkbox"/> R12 (27-35°)	<input type="checkbox"/> R13 (>35°)	

ASTM C-1028
ANSI A137.1
DIN 51097/51130

DIN 51097

Class	Typical Applications	Critical Angle
<input checked="" type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
<input type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, included pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

Scratch Resistance

MOH'S SCALE
UNI EN ISO
10545.6

7

MINERAL	
1. Talc (Talc)	6. Microline (Glass, Glazed Tile)
2. Gypsum (Fingernail)	7. Quartz (Unglazed Porcelain)
3. Calcite (Penny)	8. Topaz (Granite)
4. Fluorite (Some Marbles)	9. Corundum (Ruby)
5. Apatite (Knife Blade)	10. Diamond (Diamond)

Industry standard ≤175mm²

Wear Resistance

PEI RATING
UNI EN ISO
10545.7

- Class 1: Walls only
 - Class 2: Residential floors w/minimal abrasive traffic
 - Class 3: Residential interiors/light commercial traffic
 - Class 4: Medium commercial applications
 - Class 5: All commercial applications/heavy traffic
- *Wear can vary greatly. please consult with a professional.

Stain Resistance

ASTM C1378-04
UNI EN ISO
10545.14

5

- 5: Removed after 5 minutes (hot water running)
- 4: Removed by manual cleaning (weak detergent)
- 3: Removed by mechanical cleaning (strong detergent)
- 2: Removed by immersion (24 hrs in suitable solvent)
- 1: Stain not removed

Water Absorption

ASTM C-373
UNI EN ISO
10545.3

Water Absorption	Material Type	Notes
<input type="checkbox"/> Absorbs 0-.5%	Impervious	Interior/Exterior Frost Resistant
<input type="checkbox"/> Absorbs .5-3%	Vitreous	Interior/Exterior Frost Resistant
<input type="checkbox"/> Absorbs 3-7%	Semi-Vitreous	Indoor Use Only
<input type="checkbox"/> Absorbs 7% +	Non-Vitreous	Indoor Use Only

Breaking Strength

ASTM C648
UNI EN ISO
10545.4

PASS

Industry standard should be greater than
250 lbs
or
50 N/MM²

Facial Dimension

ASTM c499-09
UNI EN ISO
10545.02

	Standard	Tolerance	Result
flatness	±5mm	±.5%	<input type="checkbox"/>
thickness	±6mm	±.5%	<input type="checkbox"/>
straightness	±4.5mm	±.5%	<input type="checkbox"/>
squareness	±5.4mm	±.6%	<input type="checkbox"/>
sides L/W	±1.1mm ±4.5mm	±.5%	<input type="checkbox"/>

Chemical Resistance

ASTM C650
UNI EN ISO
10545.13

Allowances for:

	result
Acid	<input type="checkbox"/>
Bases	<input type="checkbox"/>
Chemicals	<input type="checkbox"/>

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	Points
Site selection	1 Point
SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.	<input type="checkbox"/>
Energy & Atmosphere	1 Point
EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<input type="checkbox"/>
Indoor Environmental Quality	1 Point
IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	<input type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	<input type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input checked="" type="checkbox"/>

Materials & Resources	1 Point	2 Points
M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input checked="" type="checkbox"/>	70% <input checked="" type="checkbox"/>
M&R CREDIT 4.1-4.2 Recycled Content: The sum of post consumer plus 1/2 of the pre consumer reps at least 10-20% of total value of materials.	10% <input checked="" type="checkbox"/>	20% <input checked="" type="checkbox"/>
M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input checked="" type="checkbox"/>	20% <input checked="" type="checkbox"/>
Innovation in Design	1-5 Points	
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input type="checkbox"/>	

Type: **Polished Porcelain**

Product Line: **Neostone**

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CANCOS

TILE & STONE

