

Cotte

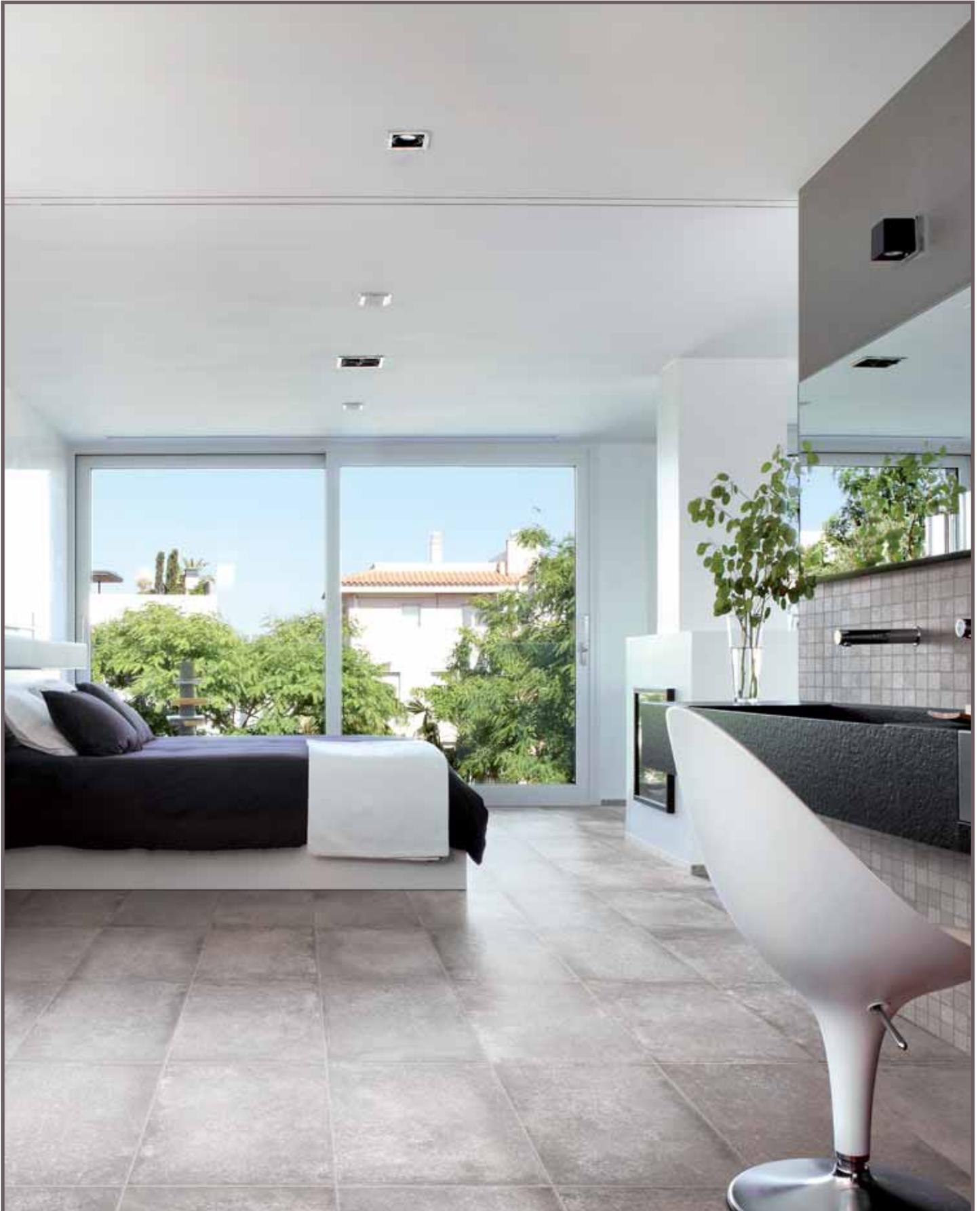
porcelain stoneware



COBSA-USA

NEW YORK | NEW JERSEY | MIAMI

PORCELAIN STONEWARE



Antracite

DOMCOAN88



| 8 x 8 |

DOMCOANBN224



bullnose

| 2 x 24 |

DOMCOANMOS22



2x2 mosaic

| 12 x 12 |

DOMCOAN1624



| 16 x 24 |

DOMCOAN816



| 8 x 16 |

DOMCOAN24



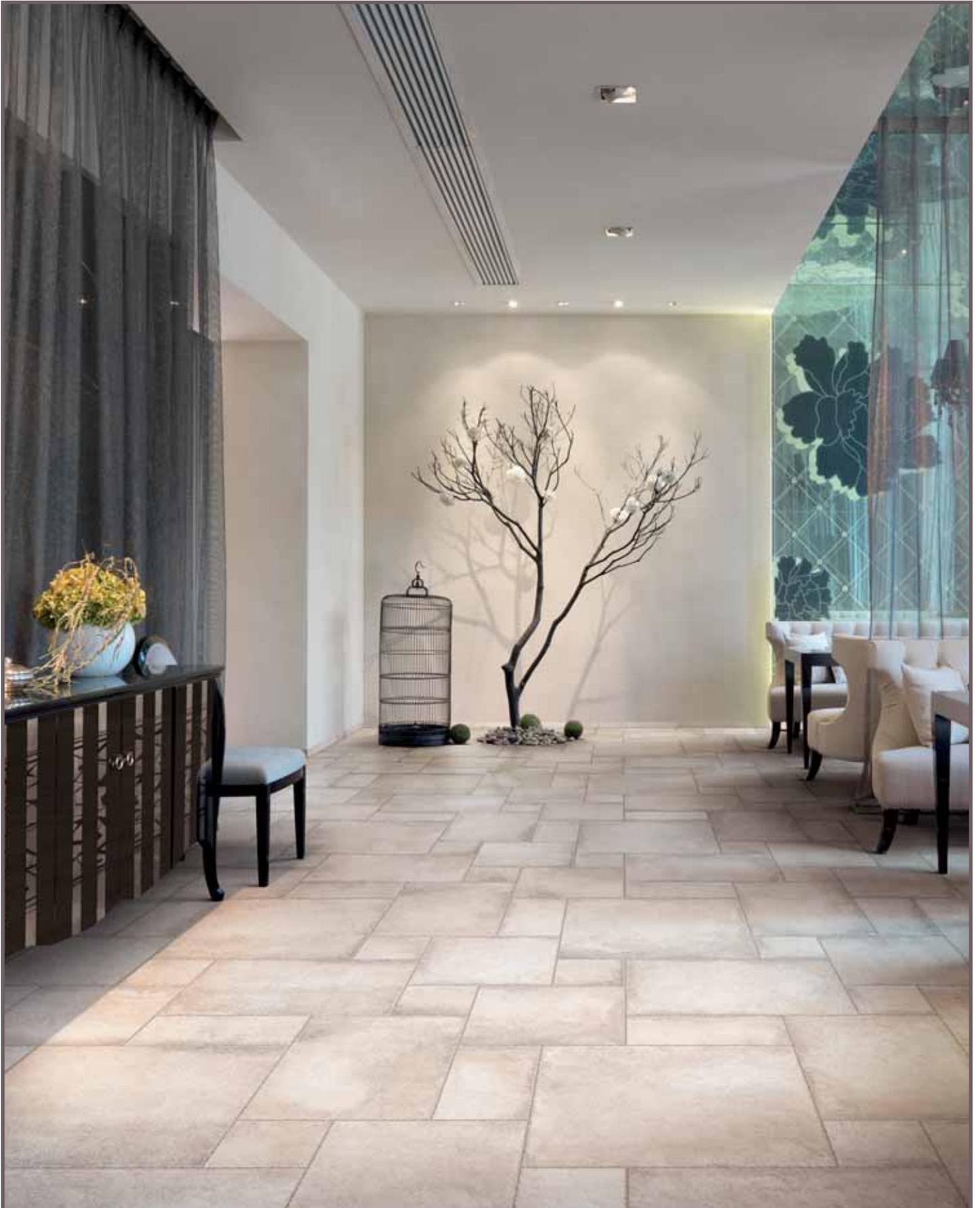
| 24 x 24 |

DOMCOAN16



| 16 x 16 |

PORCELAIN STONEWARE



DOMCOBI88



| 8 x 8 |

DOMCOBIBN224



bullnose

| 2 x 24 |

DOMCOBIMOS22



2x2 mosaic

| 12 x 12 |

DOMCOBI1624



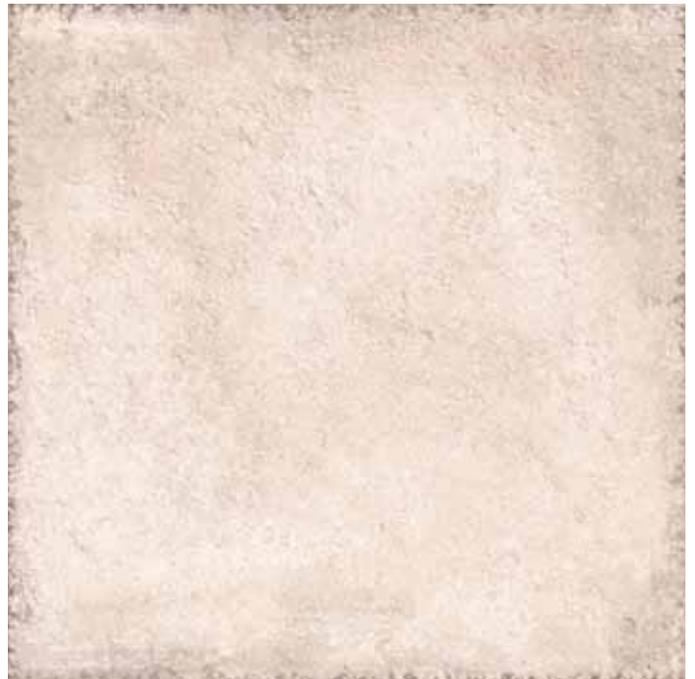
| 16 x 24 |

DOMCOBI816



| 8 x 16 |

DOMCOBI24



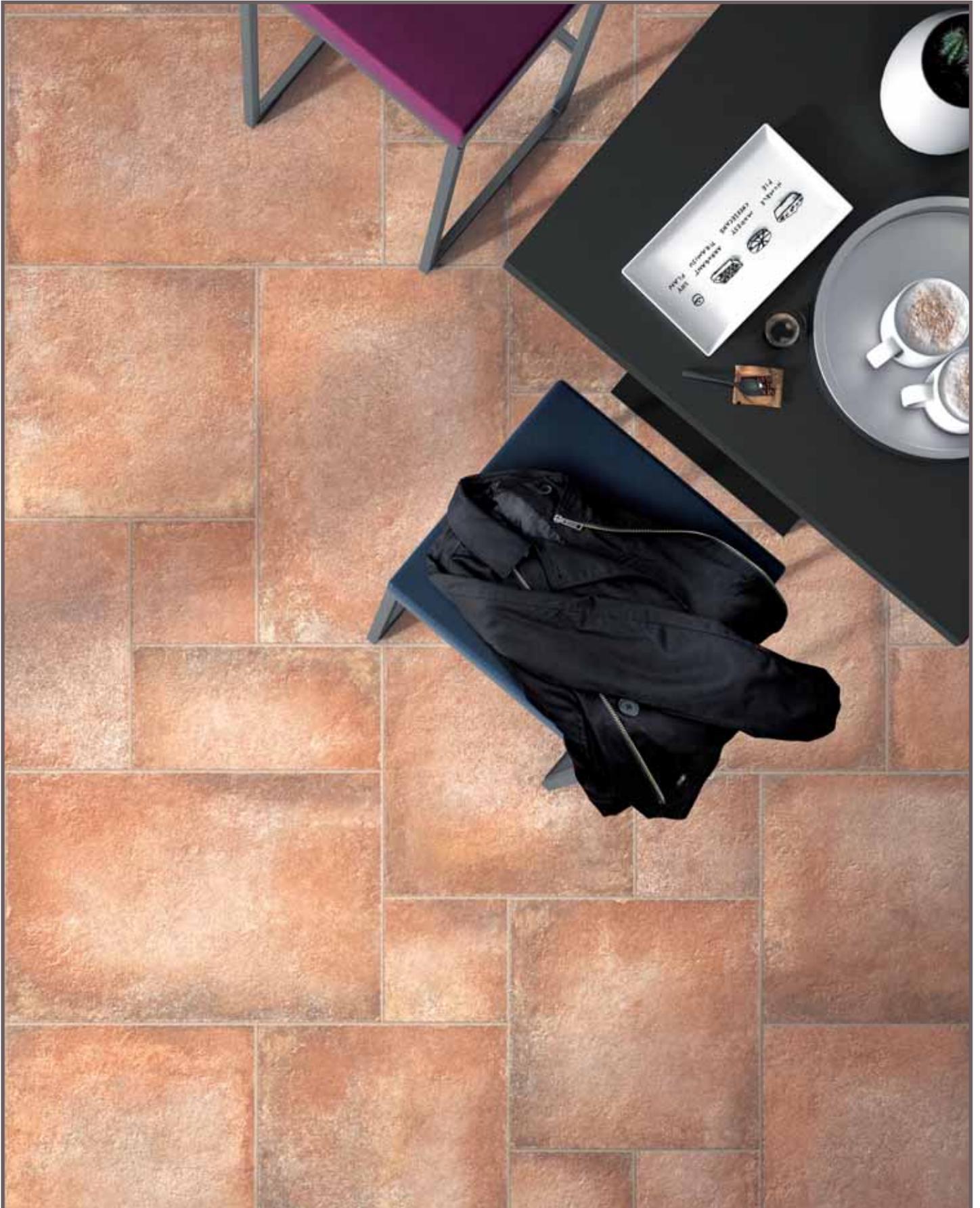
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DOMCOBI16



| 16 x 16 |

PORCELAIN STONEWARE



DOMCOCO88



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bullnose

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2x2 mosaic

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| 24 x 24 |

DOMCOCO16



| 16 x 16 |

PORCELAIN STONEWARE



DOMCOGR88



| 8 x 8 |

DOMCOGRBN224



bullnose

| 2 x 24 |

DOMCOGRMOS22



2x2 mosaic

| 12 x 12 |

DOMCOGR1624



| 16 x 24 |

DOMCOGR816



| 8 x 16 |

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PORCELAIN STONEWARE



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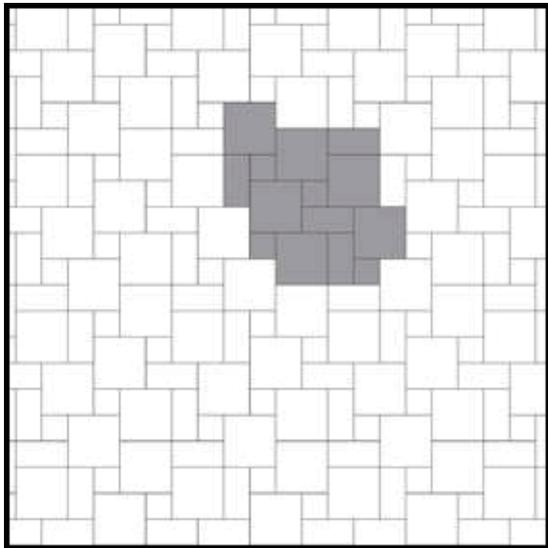
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DOMCOOC16



| 16 x 16 |

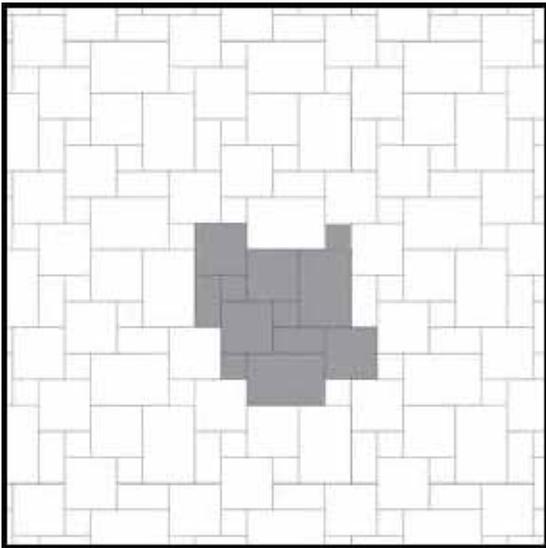
PORCELAIN STONEWARE



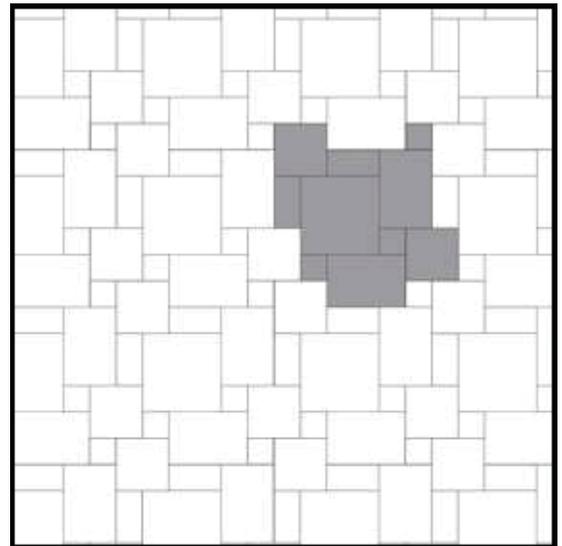
SIZES	%
8x8	11.12
8x16	22.22
16x16	66.66



Laying Patterns



SIZES	%
8x8	8.33
8x16	11.11
16x16	22.22
16x24	33.33



SIZES	%
8x8	8.33
8x16	11.11
16x16	22.22
16x24	33.33
24x24	25.00





The marketing name for this product is property of CobsA-USA. This same product may be marketed under different names.

Suggested Applications



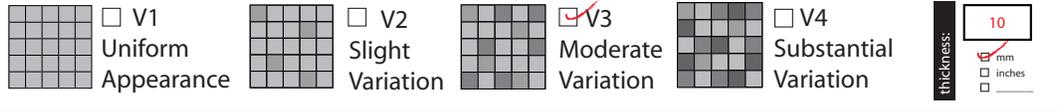
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

ASTM C-1028
DIN 51097/51130

COF (coefficient of friction)				DIN 51130	DIN 51097	Class	Typical applications	Critical angle	
WET		DRY							
accessible routes	standard*	result	standard*	result					
	.6		.6	.79	<input type="checkbox"/> R9*	3-10°	<input type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
ramps	.8		.8		<input checked="" type="checkbox"/> R10	10-19°	<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
					<input type="checkbox"/> R11	19-27°	<input checked="" 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°
					<input type="checkbox"/> R12	27-35°			
					<input type="checkbox"/> R13	>35°			

Values: 0-0.50 Questionable, 0.50-0.60 Conditionally Slip Resistant, >0.60 Slip Resistant. Tile Classification: Questionable, Conditionally Slip Resistant, Slip Resistant. *Industry Standard/ADA Requirements

Scratch Resistance

MOH'S SCALE
UNI EN ISO 10545.6 <175

Mineral	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: Resid. floors w/minimal abrasive traffic.
- Class 3: Resid. interiors normal use and foot traffic.
- Class 4: Light-medium commercial applications.
- Class 5: Commercial applications.

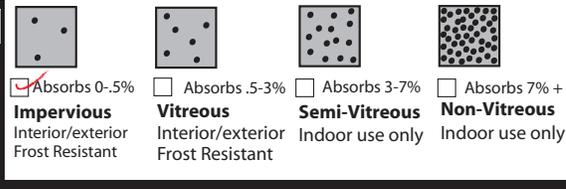
Stain Resistance

ASTM C1378-04
UNI EN ISO 10545.14 4

- 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

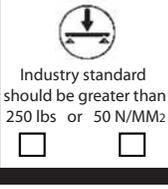
Water Absorption

ASTM C-373
UNI EN ISO 10545.3 <.5



Breaking Strength

ASTM C648
UNI EN ISO 10545.4 >35



Facial Dimension

ASTM c499-09
UNI EN ISO 10545.02

	Standard	Tolerance	Result
flatness	± 5mm	± .5%	COMPLIES
thickness	± 6mm	± .5%	COMPLIES
straightness	± 4.5mm	± .5%	COMPLIES
squareness	± 5.4mm	± .6%	COMPLIES
sides LW	± 1.1mm / ± 4.5mm	± .5%	COMPLIES

Chemical Resistance

ASTM C650
UNI EN ISO 10545.13

Allowances for:

	result
acid	UA
bases	ULA
chemicals	UHA

Leed Information

REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

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

Type: Porcelain Stoneware
Product Line: Cotte

1: WEAR RESISTANCE

Differs according to color surface. Class 2: Antracite, Grigio, Odra | Class 4: Cotto | Class 5: Bianco

2: LEED INFORMATION

All Cerindustries' products comply with many of LEED's requirements and more in particular, all products classified under category BIA, porcelain stoneware, are made up with a percentage of recycled and recovered material (pre-consumer) that does exceed 40% of the total quantity of clays employed. Cerindustries' products do not release VOCs and are produced in production facilities environmental friendly certified. (points must be assigned by the architect and builder according to selections and LEED procedures)