

RENAISSANCE 2

polished porcelain tile & slabs



COBSA USA

NEW YORK | NEW JERSEY | MIAMI

Renaissance 2
CALACATTA ORO



Renaissance 2 CALACATTA ORO

48" x 110" (120x280cm) X 1/4" (6mm) Porcelain Slabs SLPR2CO1/4L



4 FACES

Renaissance 2 CALACATTA ORO

24" x 48" (60x120cm) X 9mm Porcelain Tiles ELER2CO2448L



21 FACES

STOCKED SPECIALTY ITEMS



3x24 bullnose
ELER2COBN324L



2x2 mosaic
ELER2COMOS22L

SPECIAL ORDER SIZES (allow 8-10 weeks for delivery / minimum qty. applies)

120x120cm
(48"x48")



160x320cm
(63"x126")



Renaissance 2
STATUARIO REALE



Renaissance 2 STATUARIO REALE

48" x 110" (120x280cm) x 1/4" (6mm) Porcelain Slabs SLPR2SR1/4L



6 FACES


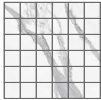
Renaissance 2 STATUARIO REALE

24" x 48" (60x120cm) x 9mm Porcelain Tiles ELER2SR2448L






30 FACES

STOCKED SPECIALTY ITEMS

 <p>3x24 bullnose ELER2SRBN324L</p>	 <p>2x2 mosaic ELER2SRMOS22L</p>
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SPECIAL ORDER SIZES (allow 8-10 weeks for delivery / minimum qty. applies)

 <p>120x120cm (48"x48")</p>		 <p>160x320cm (63"x126")</p>
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Renaissance 2
ONICE SERPENTINO



Renaissance 2 ONICE SERPENTINO

48" x 110" (120x280cm) x 1/4" Porcelain Slabs SLPR2OS1/4L



Renaissance 2 ONICE SERPENTINO

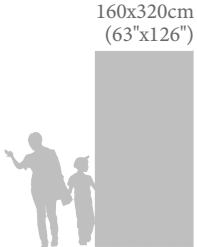
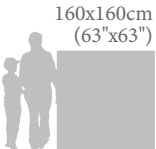
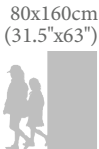
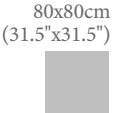
24" x 48" (60x120cm) x 10mm Porcelain Tiles ELER2OS2448L



STOCKED SPECIALTY ITEMS

 <p>3x24 bullnose ELER2OSBN324L</p>	 <p>2x2 mosaic ELER2OSMOS22L</p>
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SPECIAL ORDER SIZES (allow 8-10 weeks for delivery / minimum qty. applies)

 <p>160x320cm (63"x126")</p>	 <p>160x160cm (63"x63")</p>	 <p>80x160cm (31.5"x63")</p>	 <p>80x80cm (31.5"x31.5")</p>
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Renaissance 2
MACCHIA ANTICA



Renaissance 2 MACCHIA ANTICA

48" x 110" (120x280cm) x 1/4" (6mm) Porcelain Slabs SLPR2MA1/4L



5 FACES

Renaissance 2 MACCHIA ANTICA

24" x 48" (60x120cm) x 9mm Porcelain Tiles ELER2MA2448L






23 FACES

STOCKED SPECIALTY ITEMS

 3x24 bullnose ELER2MABN324L	 2x2 mosaic ELER2MAMOS22L
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SPECIAL ORDER SIZES (allow 8-10 weeks for delivery / minimum qty. applies)

 120x120cm (48"x48")	 160x320cm (63"x126")
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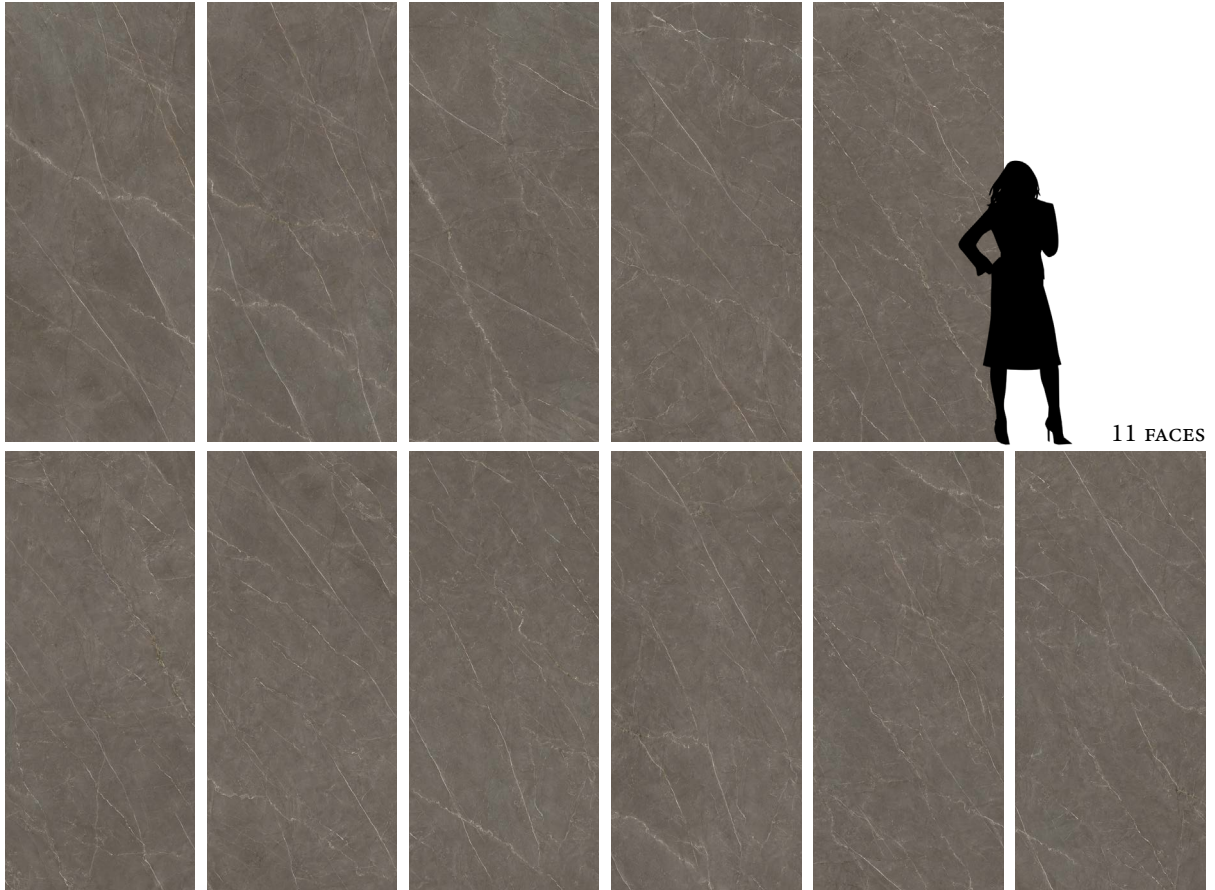


Renaissance 2
BRONZE AMANI



Renaissance 2 BRONZE AMANI

48" x 110" (120x280cm) x 1/4" Porcelain Slabs SLPR2BA1/4L


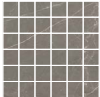


Renaissance 2 BRONZE AMANI

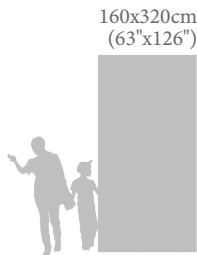
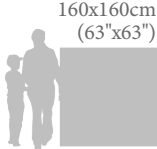
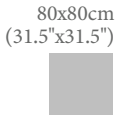
24" x 48" (60x120cm) x 10mm Porcelain Tiles ELER2BA2448L



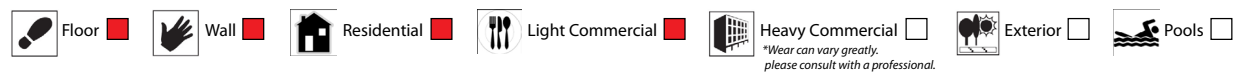
STOCKED SPECIALTY ITEMS

 <p>3x24 bullnose ELER2BABN324L</p>	 <p>2x2 mosaic ELER2BAMOS22L</p>
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SPECIAL ORDER SIZES (allow 8-10 weeks for delivery / minimum qty. applies)

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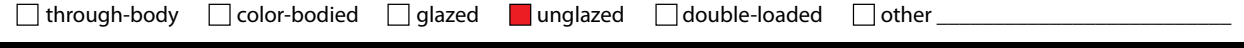
Suggested Applications



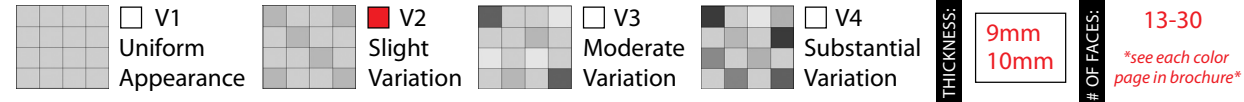
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

DCOF	Values	Applications
	0.42	Recommended Standard DCOF value for wet/dry commercial flooring
	0.65	Recommended Standard DCOF value for ADA ramps

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°)

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

6

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

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

Breaking Strength

ASTM C648
 UNI EN ISO 10545.4



Facial Dimension

ASTM C499-09
 UNI EN ISO 10545.02

	Standard	Tolerance	Result
flatness	±5mm	±.5%	PASS
thickness	±6mm	±.5%	PASS
straightness	±4.5mm	±.5%	PASS
squareness	±5.4mm	±.6%	PASS
sides L/W	±1.1mm ±4.5mm	±.5%	PASS

Chemical Resistance

ASTM C650
 UNI EN ISO 10545.13

- Allowances for:
- Acid ULA
 - Bases UA
 - Chemicals UHA

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	1 Point
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 Low-Emitting Materials-Flooring Systems	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 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 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	1-5 Points	
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input type="checkbox"/>	

Type: **24x48 Polished Porcelain**

Product Line: **Renaissance 2**

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