

Mega

porcelain stoneware



CANCOS
TILE & STONE



CALACATTA ORO

ILLUMINA



48"x48" | 8mm | 8 faces

Honed: USAMECA48
Polished: USAMECA48L





CRYSTAL ONYX

CRYSTAL ONYX



48"x48" | 8mm | 8 faces

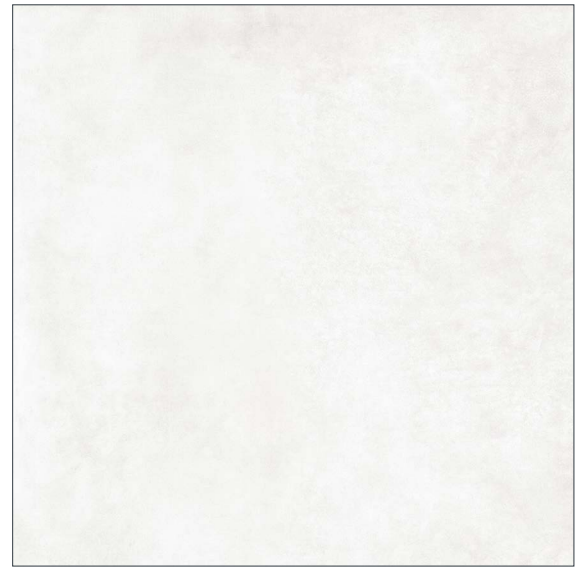
Honed: USAMECR48
Polished: USAMECR48L





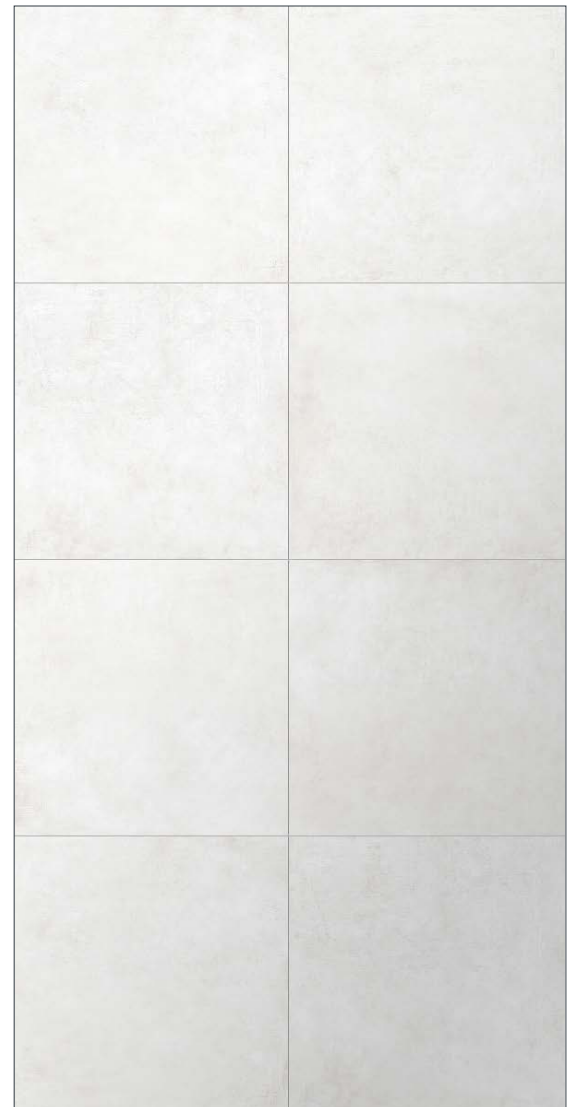
ICE WAVE

ICE WAVE



48"x48" | 8mm | 8 faces

Honed: USAMEIC48
Polished: USAMEIC48L





LUXE WHITE

LUXE WHITE

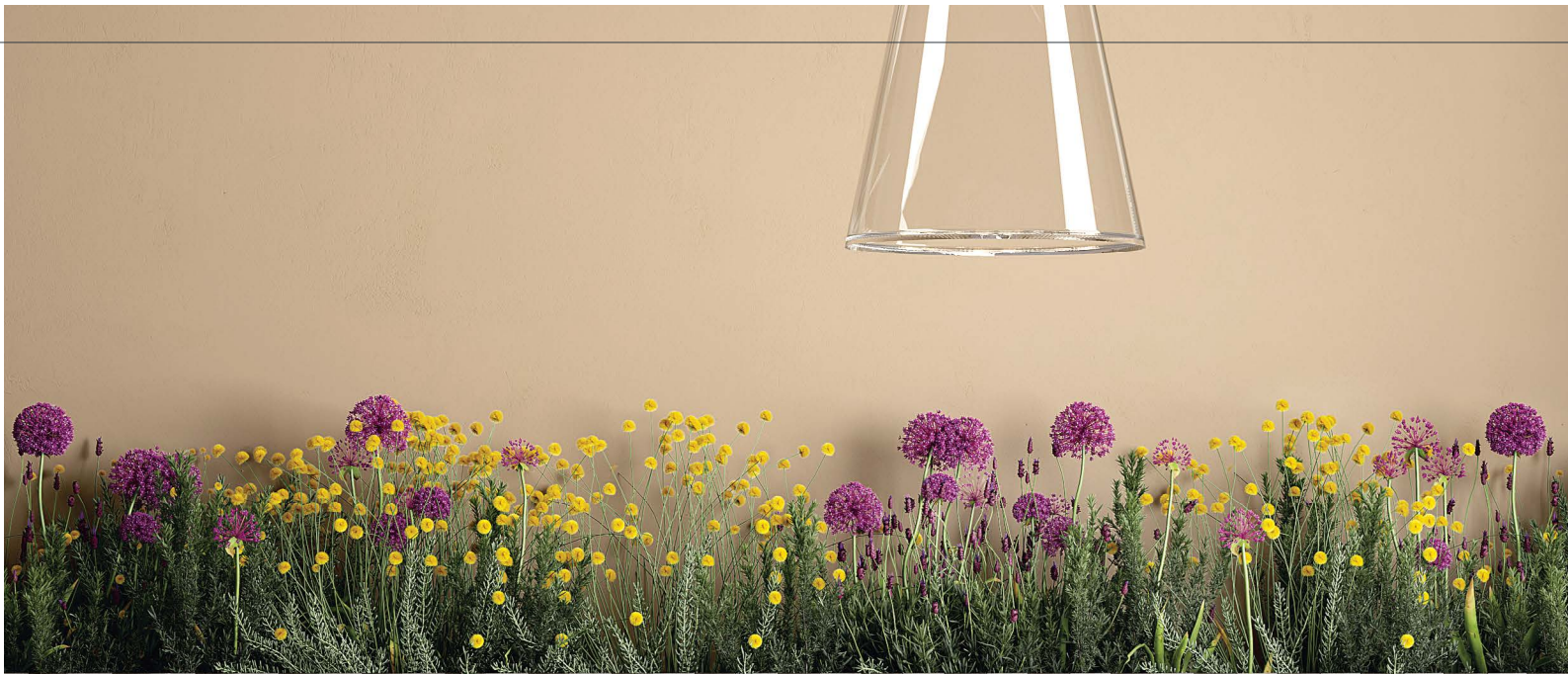


48"x48" | 8mm | 8 faces

Honed: USAMELU48

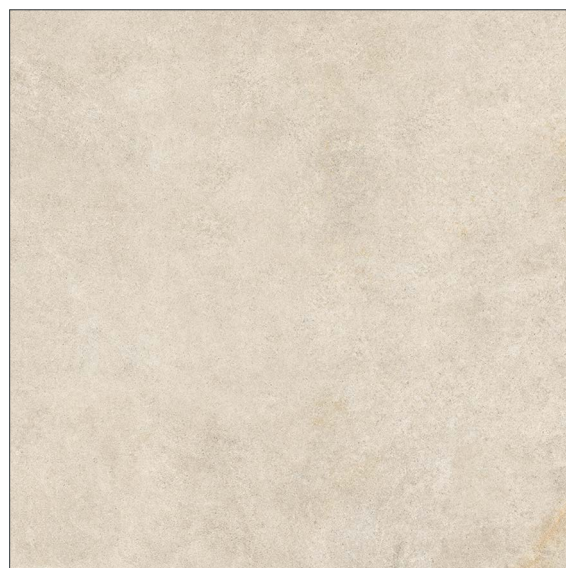
Polished: USAMELU48L





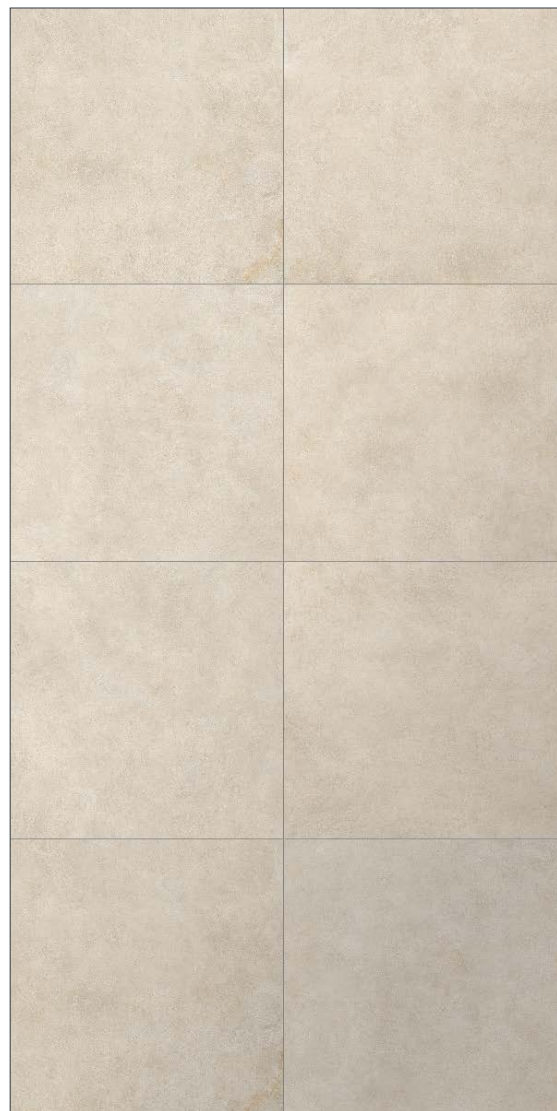
MOJAVE

— MOJAVE —



48"x48" | 8mm | 8 faces

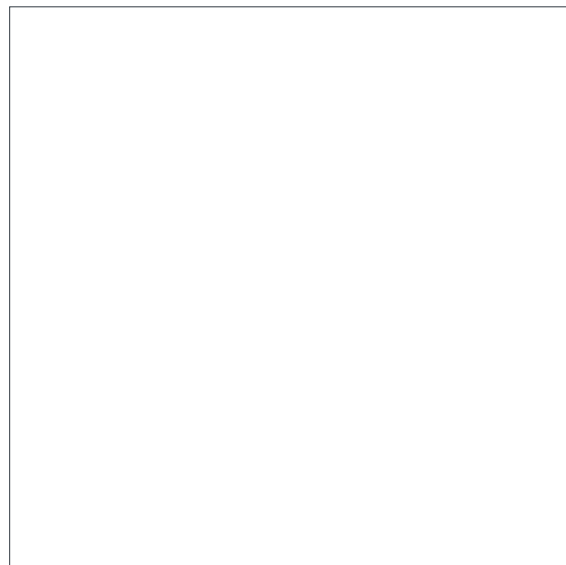
Honed: USAMEMO48





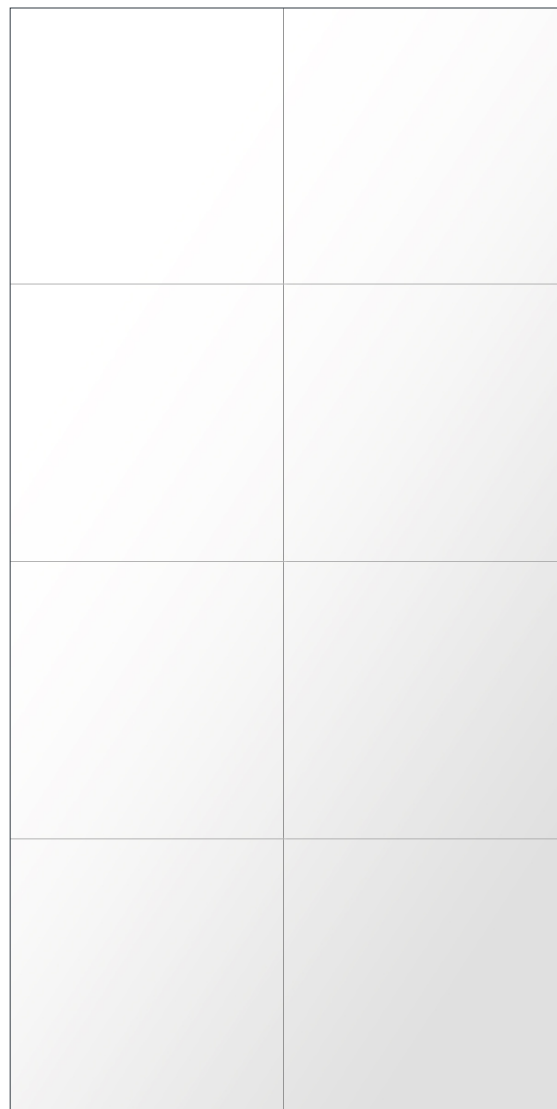
PURE WHITE

PURE WHITE



48"x48" | 8mm | 8 faces

Honed: USAMEWH48
Polished: USAMEWH48L





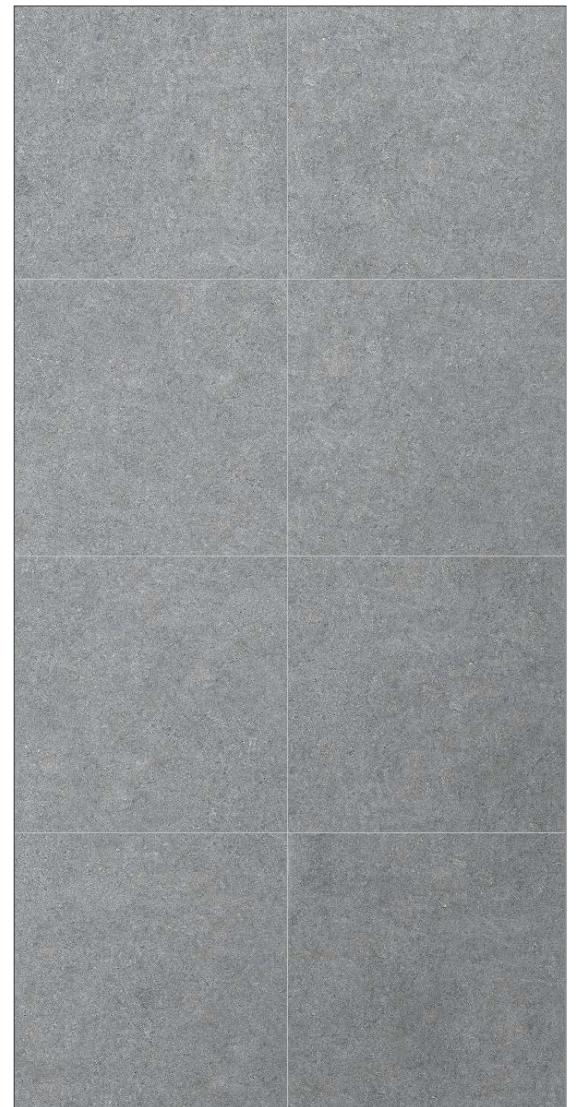
SHELL BEACH

SHELL BEACH

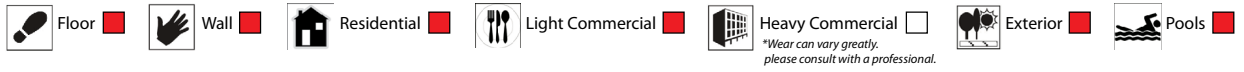


48"x48" | 8mm | 8 faces

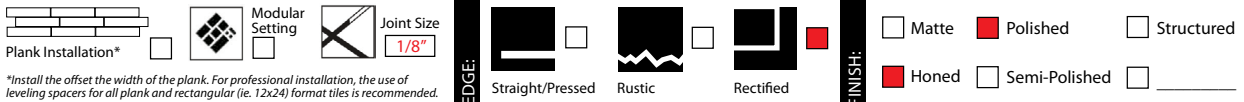
Honed: USAMESH48
Polished: USAMESH48L



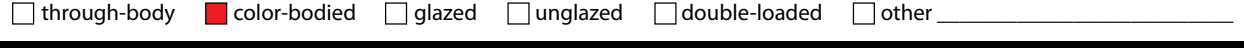
Suggested Applications



Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

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

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°)

DIN 51097

Class	Typical Applications	Critical Angle
<input type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	$\geq 12^\circ$
<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	$\geq 18^\circ$
<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)	$\geq 24^\circ$

Scratch Resistance

MOH'S SCALE
UNI EN ISO
10545.6



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 $\leq 175\text{mm}^2$

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: 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



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	$\pm 5\text{mm}$	$\pm .5\%$	PASS
thickness	$\pm 6\text{mm}$	$\pm .5\%$	PASS
straightness	$\pm 4.5\text{mm}$	$\pm .5\%$	PASS
squareness	$\pm 5.4\text{mm}$	$\pm .6\%$	PASS
sides L/W	$\pm 1.1\text{mm}$ $\pm 4.5\text{mm}$	$\pm .5\%$	PASS

Chemical Resistance

ASTM C650
UNI EN ISO
10545.13



Allowances for:

	result
Acid	PASS
Bases	PASS
Chemicals	PASS

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 checked="" 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 checked="" 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 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 checked="" 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 checked="" type="checkbox"/>
Innovation in Design	1-5 Points	
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input type="checkbox"/>	

Type: **Porcelain Stoneware**

Product Line: **Mega**

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