

# 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

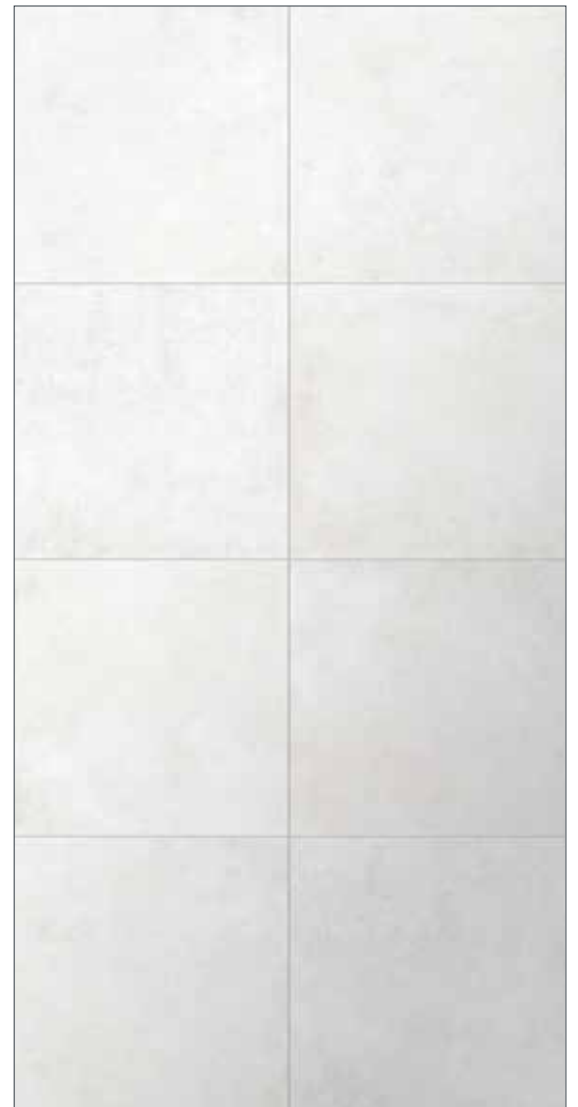
ICE WAVE



48"x48" | 8mm | 8 faces

Honed: USAMEIC48

Polished: USAMEIC48L





LUXE WHITE

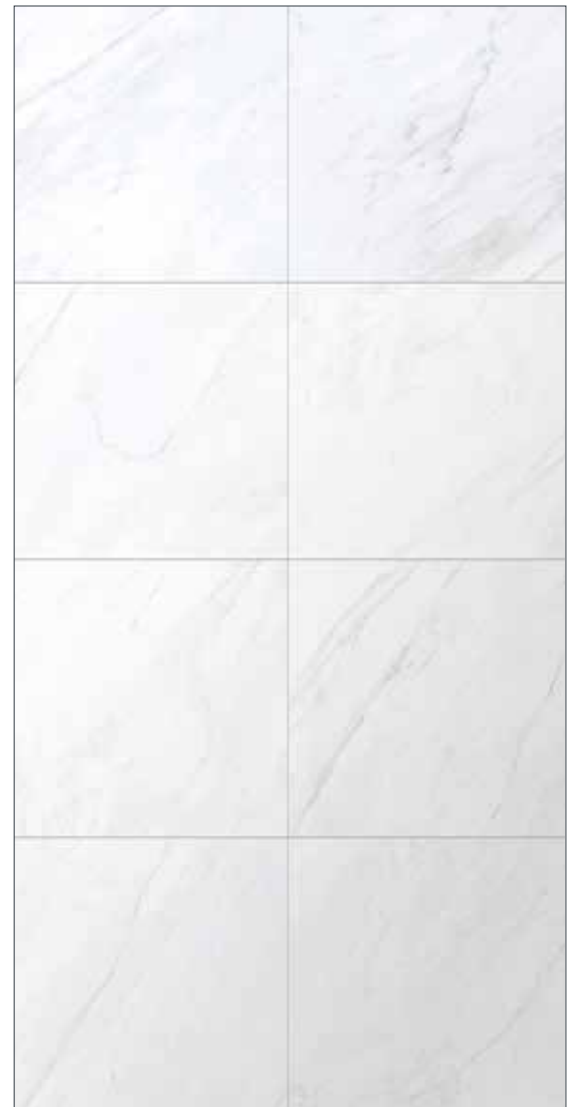


LUXE WHITE



48"x48" | 8mm | 8 faces

Honed: USAMELU48  
Polished: USAMELU48L





MOJAVE

— MOJAVE —



48"x48" | 8mm | 8 faces

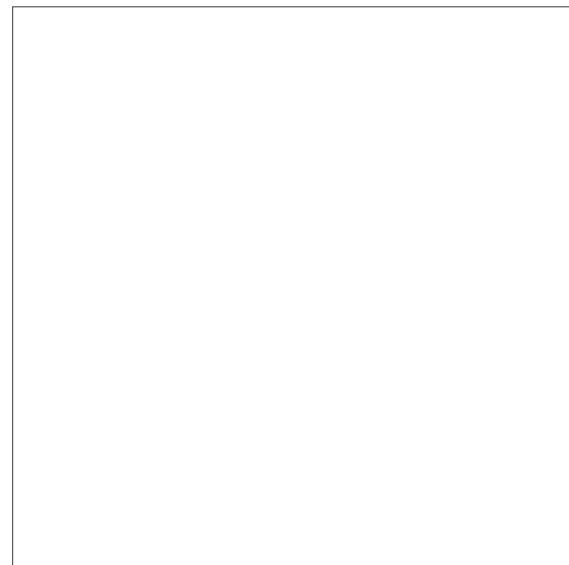
Honed: USAMEMO48





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

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  1/8"

\*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:  8

# 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                   |

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  | ≥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, inclined pool surrounds, jacuzzis (plus all Class A&B areas) | ≥24°           |

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

# 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 ≤175mm<sup>2</sup>

# 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

- 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

ASTM C1378-04  
 UNI EN ISO  
 10545.14

# Water Absorption

ASTM C-373  
 UNI EN ISO  
 10545.3

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

# Breaking Strength


 Industry standard should be greater than  
 250 lbs  
 or  
 50 N/MM<sup>2</sup>

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<br>±4.5mm | ±.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.\*