

# COASTAL

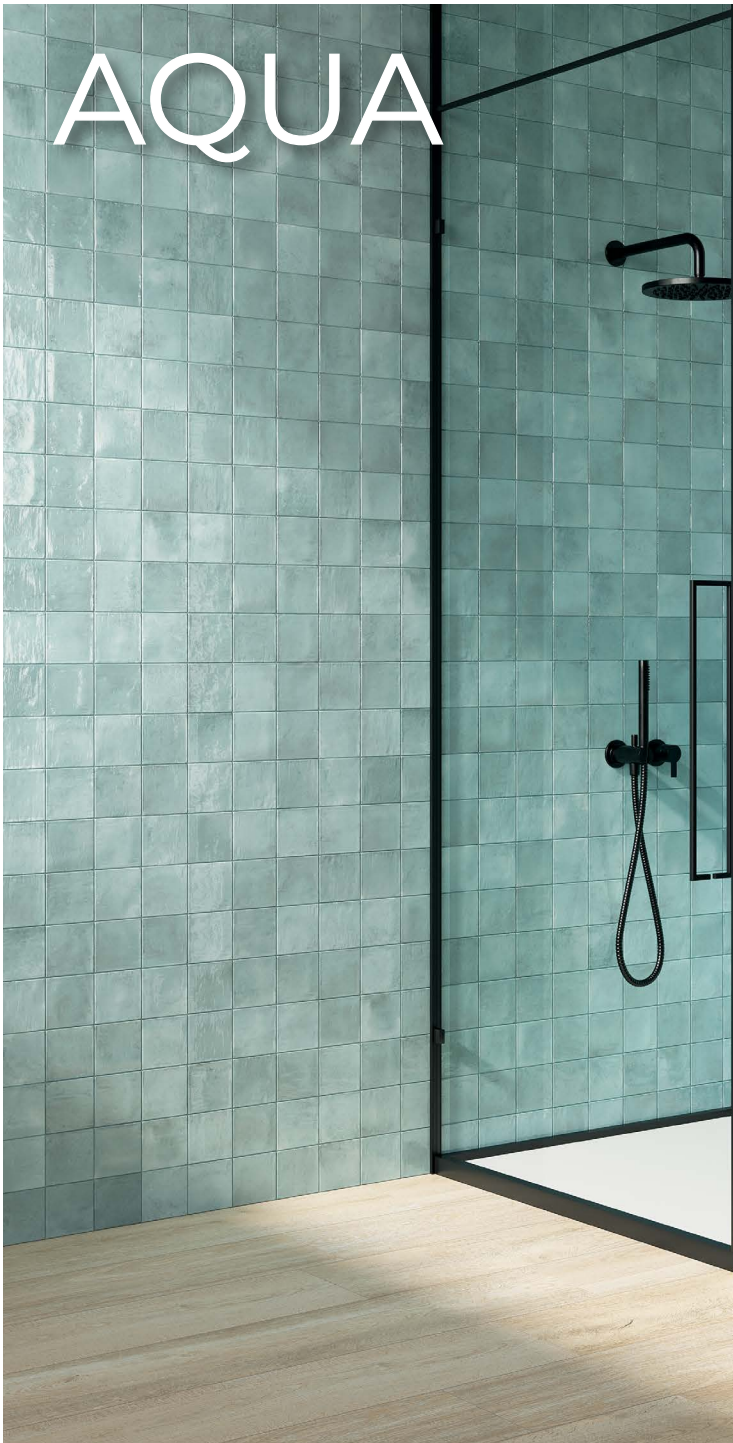
porcelain tile



**COBSA USA**  
NEW YORK | NEW JERSEY | MIAMI



# AQUA



*Coastal*



\* 4x4 BULLNOSE AVAILABLE - DOMCSAQB44 \*

DOMCSAQ44



> 4x4 <

DOMCSAQ44D



6 PATTERNS. SOLD 12 PCS/SET.

> 4x4 decos <



Coastal

# BOUQUET



DOMCSBO44D



6 PATTERNS. SOLD 12 PCS/SET.

> 4x4 decos <

DOMCSBO44



> 4x4 <

\* 4x4 BULLNOSE AVAILABLE - DOMCSBOBN44\*

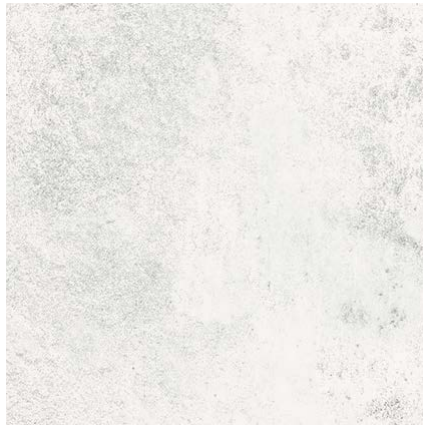


# COTTON

*Coastal*



DOMCSO44



> 4x4 <



Coastal

# EMERALD

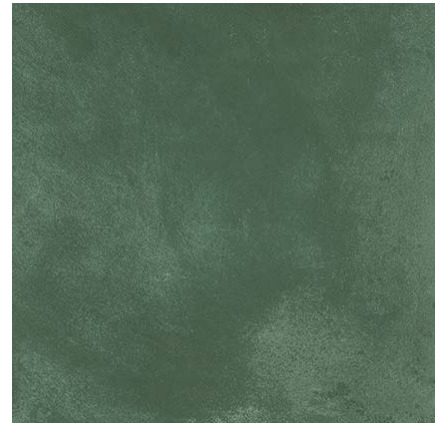


DOMCSEM44D



6 PATTERNS. SOLD 12 PCS/SET. > 4x4 decos <

DOMCSEM44



> 4x4 <

\* 4x4 BULLNOSE AVAILABLE - DOMCSEM44BN4\*



# LINEN

*Coastal*



\*4X4 BULLNOSE AVAILABLE - DOMCSLIBN44\*

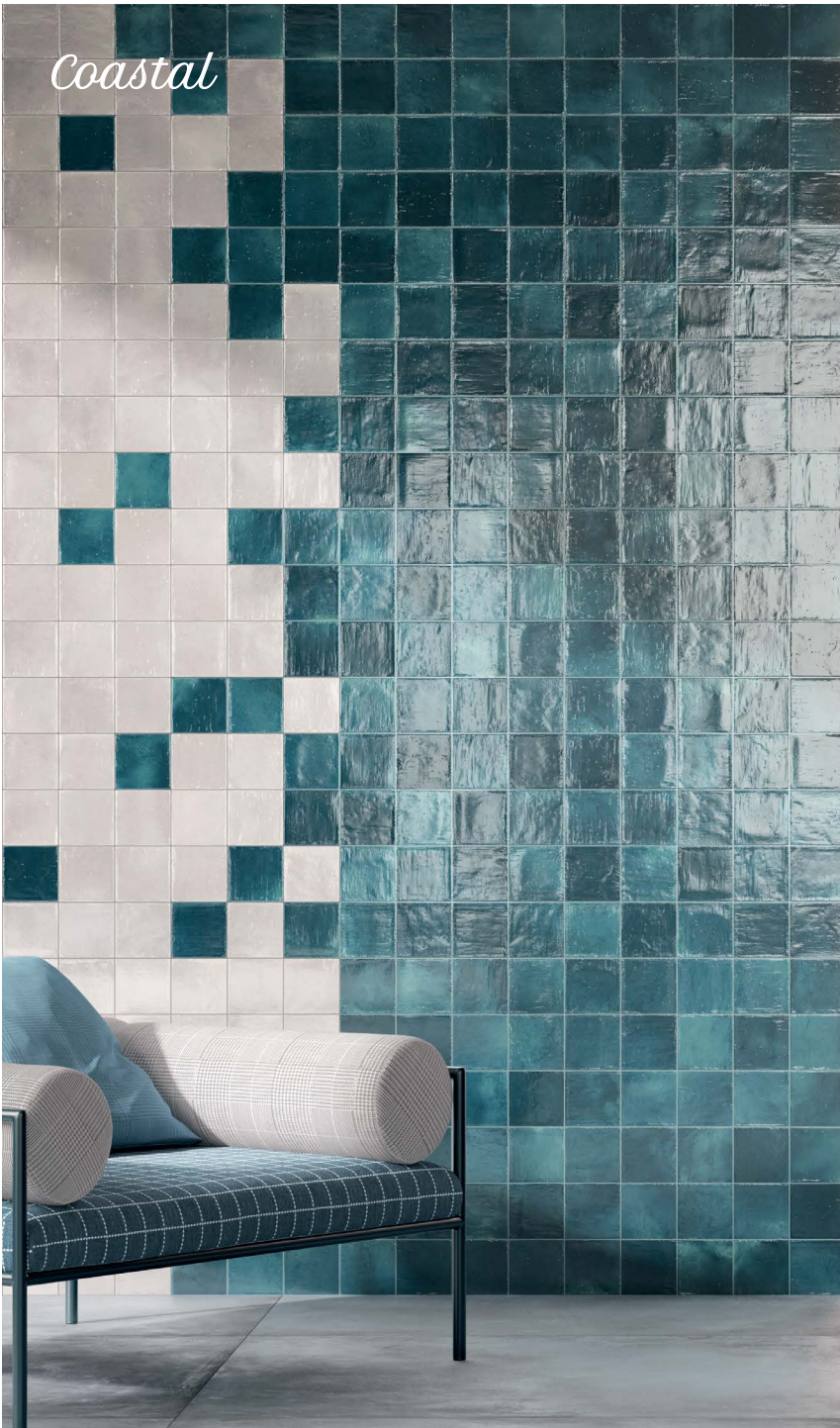
DOMCSLI44



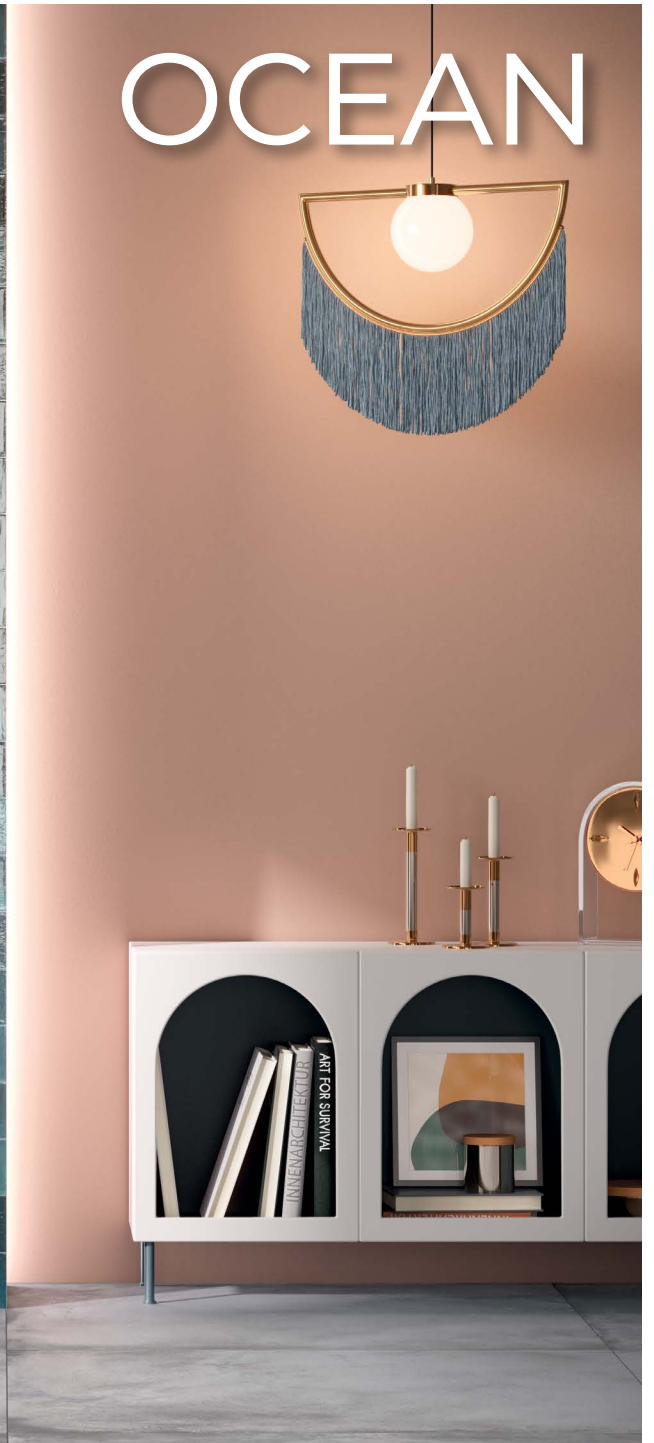
> 4x4 <



Coastal



OCEAN



DOMCSOC44D



6 PATTERNS. SOLD 12 PCS/SET. > 4x4 decos <

DOMCSOC44



> 4x4 <

\* 4X4 BULLNOSE AVAILABLE - DOMCSOCBN44\*



# SILK

*Coastal*



\*4x4 BULLNOSE AVAILABLE - DOMCSSIBN44\*

DOMCSSI44



> 4x4 <



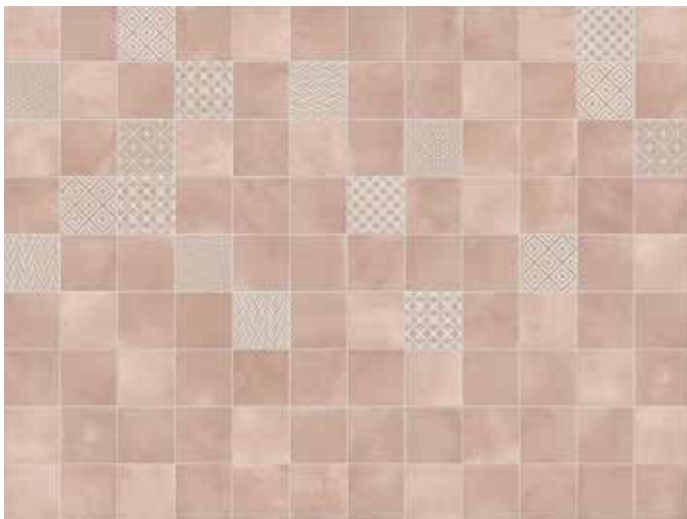
*Layout Schemes*



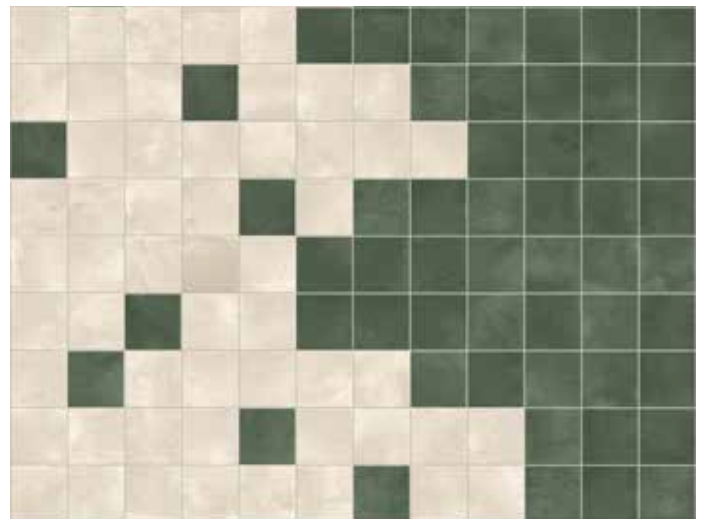
OCEAN, AQUA



EMERALD, SILK



BOUQUET, PATTERN BOUQUET



EMERALD, LINEN



# AQUA COTTON OCEAN









# 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 2mm

\*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  Glossy

# 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: 10mm # OF FACES: 100

# 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

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/MM2

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:

|           | result |
|-----------|--------|
| Acid      | B      |
| Bases     | B      |
| Chemicals | A      |

# Leed Information

REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

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

Type: 4"x4" Porcelain Tile

Product Line: COASTAL

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