

# COLORADO

porcelain stoneware



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

# ALMOND

Colorado



DOMCOAL636



> 6x36 <

DOMCOALHEX8



> 10x8 hex <

DOMCOAL1060



> 10x60 <

Colorado

HONEY



DOMCOHOHEX8



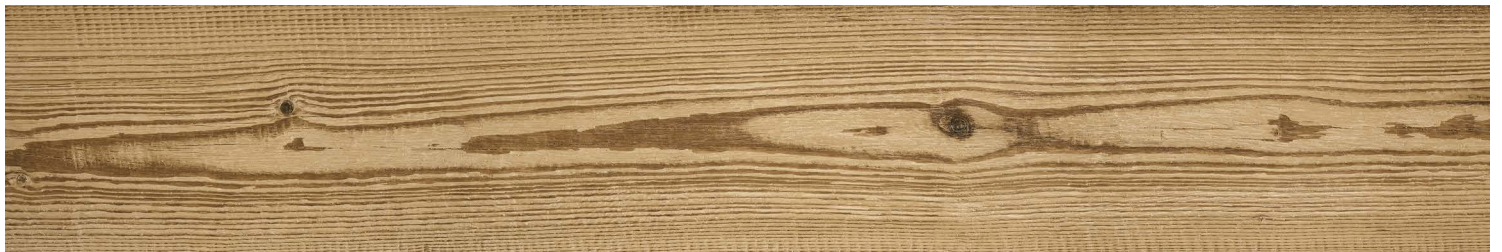
> 10x8 hex <

DOMCOHO636



> 6x36 <

DOMCOHO1060



> 10x60 <

# NATURAL

Colorado



DOMCONA636



> 6x36 <

DOMCONAHEX8



> 10x8 hex <

DOMCONA1060



> 10x60 <

Colorado

# TOBACCO



DOMCOTOHEX8



> 10x8 hex <

DOMCOTO636



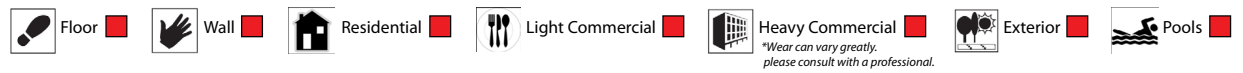
> 6x36 <

DOMCOTO1060

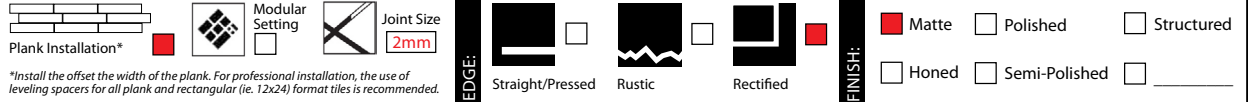


> 10x60 <

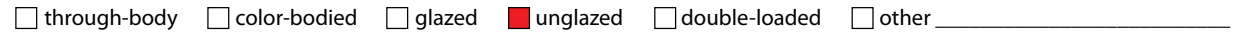
## Suggested Applications



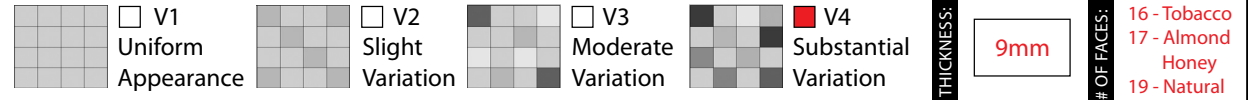
## Installation Suggestions



## Porcelain Type



## Shade Variation



## Slip Resistance

| DCOF            | Values | Applications  | DIN 51097  | Class                                 | Typical Applications  | Critical Angle |
|-----------------|--------|---|--|---------------------------------------|---|----------------|
| <b>&gt;0.62</b> | 0.42   | Recommended Standard DCOF value for wet/dry commercial flooring | DIN 51130 *R9: Industry Standard/ADA Requirements **R11: Recommended For Exteriors<br><input type="checkbox"/> R9* (3-10°) <input checked="" type="checkbox"/> R10 (10-19°) <input type="checkbox"/> R11** (19-27°)<br><input type="checkbox"/> R12 (27-35°) <input type="checkbox"/> R13 (>35°) | <input type="checkbox"/> A            | Barefoot, but mainly dry aisles and walkways, dry changing areas  | ≥12°           |
|                 | 0.65   | Recommended Standard DCOF value for ADA ramps                   |  | <input checked="" 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>

MOH'S SCALE  
 UNI EN ISO  
 10545.6

## 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

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## Water Absorption

ASTM C-373  
 UNI EN ISO  
 10545.3

| Water Absorption                                   | Impervious                              | Vitreous                                | Semi-Vitreous                         | Non-Vitreous                          |
|--|---|---|---------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> Absorbs 0-0.5% | <input type="checkbox"/> Absorbs 0-0.5% | <input type="checkbox"/> Absorbs 0.5-3% | <input type="checkbox"/> Absorbs 3-7% | <input type="checkbox"/> Absorbs 7% + |
|  | Interior/Exterior Frost Resistant       | Interior/Exterior Frost Resistant       | Indoor Use Only                       | Indoor Use Only                       |

## Breaking Strength

ASTM C648  
 UNI EN ISO  
 10545.4



**PASS**

## Facial Dimension

ASTM C499-09  
 UNI EN ISO  
 10545.02

|              | Standard         | Tolerance | Result      |
|--------------|------------------|-----------|-------------|
| flatness     | ±5mm             | ±.5%      | <b>PASS</b> |
| thickness    | ±6mm             | ±.5%      | <b>PASS</b> |
| straightness | ±4.5mm           | ±.5%      | <b>PASS</b> |
| squareness   | ±5.4mm           | ±.6%      | <b>PASS</b> |
| sides L/W    | ±1.1mm<br>±4.5mm | ±.5%      | <b>PASS</b> |

## Chemical Resistance

ASTM C650  
 UNI EN ISO  
 10545.13

Allowances for:

|           | result   |
|-----------|----------|
| Acid      | <b>A</b> |
| Bases     | <b>A</b> |
| Chemicals | <b>A</b> |

## Leed Information



REQUIREMENTS  
 FOR COMMERCIAL  
 INTERIORS/NEW  
 CONSTRUCTION

| Sustainable Sites  | 1 Point                             | Materials & Resources   | 1 Point                                 | 2 Points                     |
|--|-------------------------------------|---|---|------------------------------|
| Site selection   | 1 Point                             | M&R CREDIT 2  | 1 Point                                 | 2 Points                     |
| SS CREDIT 1  |                                     | Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.                        | 50% <input type="checkbox"/>            | 70% <input type="checkbox"/> |
| Heat Island Effect-non roof  | <input checked="" type="checkbox"/> | M&R CREDIT 4.1-4.2  | 10% <input checked="" type="checkbox"/> | 20% <input type="checkbox"/> |
| Material with a solar reflectant index of at least 29.   |                                     | 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"/> |
| Energy & Atmosphere  | 1 Point                             | M&R CREDIT 5  | 10% <input type="checkbox"/>            | 20% <input type="checkbox"/> |
| EA CREDIT 4  |                                     | Regional Materials: Materials manufactured within 500 miles of the project site.  | 10% <input type="checkbox"/>            | 20% <input type="checkbox"/> |
| Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT | <input type="checkbox"/>            | Innovation in Design  | 1-5 Points                              |                              |
| Indoor Environmental Quality   | 1 Point                             | ID CREDIT 1   | 1-5 Points                              |                              |
| Low-Emitting Materials-Flooring Systems  |                                     | Innovation in Design  | 1-5 Points                              |                              |
| IEQ CREDIT 3.1-7   |                                     | Measurable exemplary environmental performance.   | <input type="checkbox"/>                |                              |
| 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 checked="" type="checkbox"/> |   |   |                              |

Type: **Porcelain Stoneware**

Product Line: **Colorado**

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