

Albero 3



NUTWOOD 5x32

*Inspired By Nature,
Made Possible By...*

CANCOS
TILE AND STONE

COLOR-BODIED PORCELAIN STONEWARE



CANARYWOOD • 12x48 / stick mosaic

Canarywood

DOM A3CA 532



| 5 x 32 |

DOM A3CA 1248



| 12 x 48 |

DOM A3CA MOS



| stick mosaic |

COLOR-BODIED PORCELAIN STONEWARE



CYPRESS • 12x48

DOM A3CY 532



| 5 x 32 |

DOM A3CY 1248



| 12 x 48 |

DOM A3CY MOS



| stick mosaic |

COLOR-BODIED PORCELAIN STONEWARE



NUTWOOD • 5x32 / stick mosaic

Nutwood

DOM A3NU 532



| 5 x 32 |

DOM A3NU 1248



| 12 x 48 |

DOM A3NU MOS



| stick mosaic |

COLOR-BODIED PORCELAIN STONEWARE



SILKYOAK • 12x48

Silkyoak

DOM A3SI 532



| 5 x 32 |

DOM A3SI 1248



| 12 x 48 |

DOM A3SI MOS



| stick mosaic |

COLOR-BODIED PORCELAIN STONEWARE



TUPELO • 12x48

DOM A3TU 532



| 5 x 32 |

DOM A3TU 1248



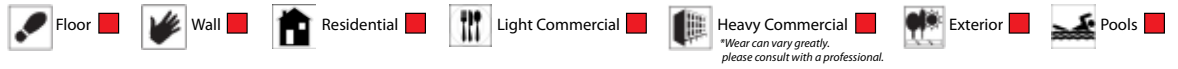
| 12 x 48 |

DOM A3TU MOS

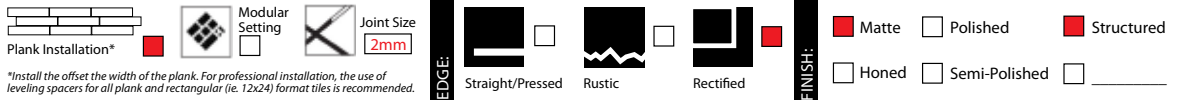


| stick mosaic |

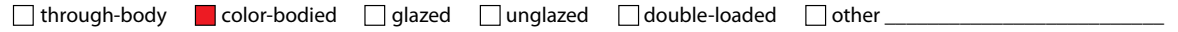
Suggested Applications



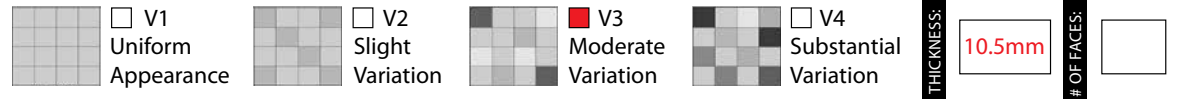
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

| DCOF | Values | Applications |
|--|--------|---|
| <input checked="" type="checkbox"/> >.65 | 0.42 | Recommended Standard DCOF value for wet/dry commercial flooring |
| <input type="checkbox"/> >.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

| | | |
|---------------------------------------|--|---|
| <input type="checkbox"/> R9* (3-10°) | <input checked="" type="checkbox"/> R10 (10-19°) | <input type="checkbox"/> R11** (19-27°) |
| <input type="checkbox"/> R12 (27-35°) | <input type="checkbox"/> 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 checked="" 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

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| 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 ≤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

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- 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

| | | | |
|---|---|---|--|
| <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 Interior/Exterior Frost Resistant | Vitreous Interior/Exterior Frost Resistant | Semi-Vitreous Indoor Use Only | Non-Vitreous Indoor Use Only |

Breaking Strength

ASTM C648
UNI EN ISO 10545.4

PASS

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 | ±5mm | ±.5% | .5% |
| thickness | ±6mm | ±.5% | .5% |
| straightness | ±4.5mm | ±.5% | .15% |
| squareness | ±5.4mm | ±.6% | .45% |
| sides L/W | ±1.1mm ±4.5mm | ±.5% | .6% |

Chemical Resistance

ASTM C650
UNI EN ISO 10545.13

Allowances for:

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

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

| Sustainable Sites | 1 Point |
|---|-------------------------------------|
| Site selection | |
| 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 | 1 Point |
| Low-Emitting Materials-Flooring Systems | |
| IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals. | <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> | |

Type: **Porcelain Stoneware**
Product Line: **Albero 3**

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