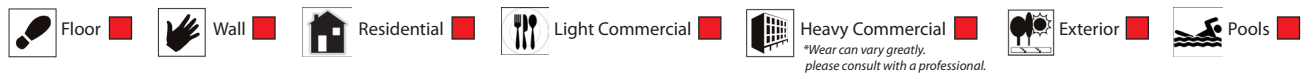


Suggested Applications



Installation Suggestions

Plank Installation* Modular Setting Joint Size

**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: **9mm** # OF FACES:

| | | |
|----|-------|-------|
| | 12x24 | 24x48 |
| AL | 36 | 9 |
| CO | 48 | 12 |
| PL | 36 | 9 |
| IN | 48 | 12 |

Slip Resistance

| DCOF | Values | Applications |
|----------------|--------|---|
| >.42 | 0.42 | Recommended Standard DCOF value for wet/dry commercial flooring |
| | 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 checked="" 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. Fluorite (Some Marbles) | 9. Corundum (Ruby) |
| 5. Apatite (Knife Blade) | 10. Diamond (Diamond) |

Industry standard ≤175mm²

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

- 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

5

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

Industry standard should be greater than
250 lbs
or
50 N/MM²

ASTM C648
UNI EN ISO
10545.4

PASS

Facial Dimension

ASTM c499-09
UNI EN ISO
10545.02

| | Standard | Tolerance | Result |
|--------------|------------------|-----------|--------|
| flatness | ±5mm | ±.5% | ±2% |
| thickness | ±6mm | ±.5% | ±5% |
| straightness | ±4.5mm | ±.5% | ±2% |
| squareness | ±5.4mm | ±.6% | ±2% |
| sides L/W | ±1.1mm ±4.5mm | ±.5% | ±2% |

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 | Materials & Resources | 1 Point | 2 Points |
|--|--|---|---|---|
| Site selection | 1 Point | M&R CREDIT 2 | 50% <input type="checkbox"/> | 70% <input type="checkbox"/> |
| SS CREDIT 1 | <input checked="" type="checkbox"/> Light Colors | Construction Waste Management: Recycling salvaged construction waste in to new reusable materials. | | |
| Heat Island Effect-non roof Material with a solar reflectant index of at least 29. | | | | |
| Energy & Atmosphere | 1 Point | M&R CREDIT 4.1-4.2 | 10% <input type="checkbox"/> | 20% <input checked="" type="checkbox"/> |
| EA CREDIT 4 | <input type="checkbox"/> | Recycled Content: The sum of post consumer plus 1/2 of the pre consumer reps at least 10-20% of total value of materials. | | |
| Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT | | | | |
| Indoor Environmental Quality | 1 Point | M&R CREDIT 5 | 10% <input type="checkbox"/> | 20% <input type="checkbox"/> |
| Low-Emitting Materials-Flooring Systems | <input checked="" type="checkbox"/> | Regional Materials: Materials manufactured within 500 miles of the project site. | | |
| IEQ CREDIT 3.1-7 | | | | |
| Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals. | | | | |
| IEQ CREDIT 4.1 | <input type="checkbox"/> | Innovation in Design | 1-5 Points | |
| Low Emitting Adhesives: Products less than 65 G/L VOC | | | | |
| IEQ CREDIT 4.3 | <input checked="" type="checkbox"/> | ID CREDIT 1 | <input type="checkbox"/> | |
| Low Emitting Materials: Flooring systems. | | Innovation in Design | Measurable exemplary environmental performance. | |

Type: **Porcelain Stoneware**

Product Line: **Olympus FLOOR TILE**

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