

Suggested Applications

Floor ☒

Wall ☒

Residential ☒

Light Commercial ☒

Heavy Commercial ☐
*Wear can vary greatly. please consult with a professional.

Exterior ☐

Pools ☐

Installation Suggestions

Plank Installation* ☐

Modular Setting ☐

Joint Size **1/16"**

*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:

	24x48	48x48	24x48 deco
cream	12	12	6
ivory	18	12	6
taupe	15	12	6
white	16	12	6

Slip Resistance

DCOF

>0.42

Values	Applications
0.42	Recommended Standard DCOF value for wet/dry commercial flooring
0.65	Recommended Standard DCOF value for ADA ramps

DIN 51130

☒ 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 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°

Scratch Resistance

MOH'S SCALE

UNI EN ISO 10545.6

5

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 ≤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

5

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

☒ Absorbs 0-.5% ☐ Absorbs .5-3% ☐ Absorbs 3-7% ☐ 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

≥40

Facial Dimension

ASTM c499-09

UNI EN ISO 10545.02

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

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 checked="" type="checkbox"/> light color
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 Low-Emitting Materials-Flooring Systems	1 Point
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 type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input 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 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: **Legend**

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