

Suggested Applications



Floor



Wall



Residential



Light Commercial

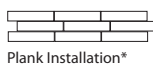
Heavy Commercial
*Wear can vary greatly. please consult with a professional.

Exterior



Pools

Installation Suggestions



Plank Installation*



Modular Setting

Joint Size
1/8"*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.

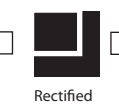
EDGE:



Straight/Pressed



Rustic



Rectified

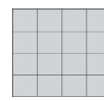
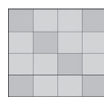
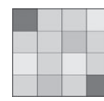
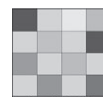
FINISH:

☒ Matte☐ Polished☐ Structured☐ Honed☐ Semi-Polished☐ _____

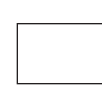
Porcelain Type

☐ through-body☐ color-bodied☒ glazed☐ unglazed☐ double-loaded☐ other _____

Shade Variation

☐ V1
Uniform
Appearance☐ V2
Slight
Variation☒ V3
Moderate
Variation☐ V4
Substantial
Variation

THICKNESS:



OF FACES:



Slip Resistance

DCOF

☒ >0.42

Values

0.42

0.65

Applications

Recommended Standard DCOF value
for wet/dry commercial flooringRecommended 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°)

ASTM C-1028

ANSI A137.1

DIN 51097/51130

DIN 51097

Class	Typical Applications	Critical Angle
☐ A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
☒ B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
☐ 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

7

MINERAL

1. Talc (Talc)
2. Gypsum (Fingernail)
3. Calcite (Penny)
4. Fluorite (Some Marbles)
5. Apatite (Knife Blade)

Industry standard ≤175mm²

6. Microline (Glass, Glazed Tile)
7. Quartz (Unglazed Porcelain)
8. Topaz (Granite)
9. Corundum (Ruby)
10. Diamond (Diamond)

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%Impervious
Interior/Exterior
Frost Resistant☐ Absorbs .5-3%Vitreous
Interior/Exterior
Frost Resistant☐ Absorbs 3-7%Semi-Vitreous
Indoor Use Only☐ Absorbs 7% +Non-Vitreous
Indoor Use Only

Breaking Strength

ASTM C648

UNI EN ISO

10545.4

>35

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

Facial Dimension

ASTM c499-09

UNI EN ISO

10545.02

flatness

Standard
±5mmTolerance
±.5%Result
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 ☒ GLABases ☒ GHAChemicals ☒ GA

Leed Information

REQUIREMENTS
FOR COMMERCIAL
INTERIORS/NEW
CONSTRUCTION

Sustainable Sites

Site selection

1 Point

SS CREDIT 1

Heat Island Effect-non roof

☐

Material with a solar reflectant index of at least 29.

Energy & Atmosphere

1 Point

EA CREDIT 4

Green Power: Products that optimize energy
performance for floors and walls using thermal
conductivity. BTU-FT☐

Indoor Environmental Quality

Low-Emitting Materials-Flooring Systems

1 Point

IEQ CREDIT 3.1-7

Green Cleaning: Reducing occupants exposure
to hazardous cleaning chemicals.☐

IEQ CREDIT 4.1

Low Emitting Adhesives: Products less than
65 G/L VOC☐

IEQ CREDIT 4.3

Low Emitting Materials: Flooring systems.

☐

Materials & Resources

1 Point

2 Points

M&R CREDIT 2

Construction Waste Management:
Recycling salvaged construction
waste in to new reusable materials.50% ☐70% ☐

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% ☐20% ☐

M&R CREDIT 5

Regional Materials: Materials
manufactured within 500 miles
of the project site.10% ☐20% ☐

Innovation in Design

1-5 Points

ID CREDIT 1

Innovation in Design
Measurable exemplary environmental performance.☐Type:
Porcelain StonewareProduct Line:
REIKI*The marketing name for this product is property of Canco's Tile & Stone.
This same product may be marketed under different names.*