

Suggested Applications

Floor ☐

Wall ☐

Residential ☐

Light Commercial ☐

Heavy Commercial ☐

\*Wear can vary greatly. please consult with a professional.

Exterior ☐

Pools ☐

Installation Suggestions

Plank Installation\*

\*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.

Modular Setting ☐

Joint Size ☐

1/8"

EDGE:

Straight/Pressed ☐

Rustic ☐

Rectified ☐

FINISH:

☐ Matte ☐ Polished ☐ Structured

☐ Honed ☐ Semi-Polished ☒ glossy

Porcelain Type

☐ through-body

☐ color-bodied

☐ glazed

☐ unglazed

☐ double-loaded

☒ other ceramic

Shade Variation

V1 Uniform Appearance

V2 Slight Variation

V3 Moderate Variation

V4 Substantial Variation

THICKNESS:

8.3mm

# OF FACES:

70

Slip Resistance

DCOF

Values

0.42

Applications

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°)

\*R9: Industry Standard/ADA Requirements

\*\*R11: Recommended For Exteriors

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 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

MINERAL

1. Talc (Talc)

2. Gypsum (Fingernail)

3. Calcite (Penny)

4. Flourite (Some Marbles)

5. Apatite (Knife Blade)

6. Microline (Glass, Glazed Tile)

7. Quartz (Unglazed Porcelain)

8. Topaz (Granite)

9. Corundum (Ruby)

10. Diamond (Diamond)

Industry standard ≤175mm²

Wear Resistance

☒ 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

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PEI RATING

UNI EN ISO

10545.7

Stain Resistance

ASTM C1378-04

UNI EN ISO

10545.14

5

Water Absorption

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 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

ASTM C648

UNI EN ISO

10545.4

>12

Facial Dimension

flatness

thickness

straightness

squareness

sides L/W

Standard

Tolerance

Result

±5mm

±.5%

PASS

±6mm

±.5%

PASS

±4.5mm

±.5%

PASS

±5.4mm

±.6%

PASS

±1.1mm

±.5%

PASS

±4.5mm

PASS

Chemical Resistance

ASTM C650

UNI EN ISO

10545.13

Allowances for:

result

Acid

GLA

Bases

GHB

Chemicals

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:

Ceramic Porcelain

Product Line:

Ibiza

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