

Aurora

PORCELAIN



CANCOS
TILE & STONE



aurora
TAUPE



ELEAUTA2448



-24x48-

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
> 1.5mm

*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:

10.5mm

OF FACES:

12

Slip Resistance

DCOF

>.42



Values

0.42

0.65

Applications

Recommended Standard DCOF value
for wet/dry commercial flooring

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°)

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

5

MINERAL

1. Talc (Talc)
2. Gypsum (Fingernail)
3. Calcite (Penny)
4. Fluorite (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

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: 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

PASS



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

Facial Dimension

ASTM c499-09

UNI EN ISO

10545.02

flatness

Standard
±5mm

Tolerance
±.5%

Result
PASS

thickness

Standard
±6mm

Tolerance
±.5%

Result
PASS

straightness

Standard
±4.5mm

Tolerance
±.5%

Result
PASS

squareness

Standard
±5.4mm

Tolerance
±.6%

Result
PASS

sides L/W

Standard
±1.1mm
±4.5mm

Tolerance
±.5%

Result
PASS

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
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:
24x48 Porcelain Stone

Product Line:
Aurora

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