Tuscan

PORCELAIN
COLLECTION

CTS Pro

Tuscan GREIGE

CTS | Pro+

CTPTUGG1224

-12x24-

CTPTUGGBN324

-3x24 bullnose-

CTPTUGG24

-24x24-

CTPTUGG2448

-24x48 rectified-

CTPTUGGMOS22

-2x2 mosaic-

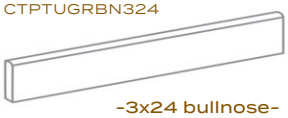
CTS | Pro+

Tuscan GRIS

CTPTUGR1224

-12x24-

CTPTUGRBN324



-3x24 bullnose-

CTPTUGR24

-24x24-

CTPTUGR2448

-24x48 rectified-

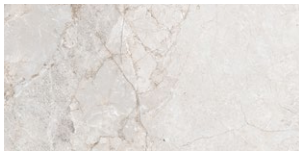
CTPTUGRMOS22

-2x2 mosaic-

Tuscan PERLA

CTS | Pro+

CTPTUPE1224



-12x24-

CTPTUPEBN324

-3x24 bullnose-

CTPTUPE24

-24x24-

CTPTUPE2448

-24x48 rectified-

CTPTUPEMOS22

-2x2 mosaic-

Suggested Applications

Floor ■ | Wall ■ | Residential ■ | Light Commercial ■ | Heavy Commercial ☐ *Wear can vary greatly. please consult with a professional. | Exterior ■ | Pools ☐

Installation Suggestions

Modular Setting ☐

Joint Size: 1/8" 12x24 24x24 | 1/16" 24x48

EDGE: ■ 12x24 24x24 Straight/Pressed | ☐ Rustic | ■ 24x48 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: 12x24 24x24 =8mm 24x48 =9mm

OF FACES: 12x24=24 24x24=24 24x48=12

Slip Resistance

ASTM C-1028
ANSI A137.1
DIN 51097/51130

DCOF: 0.50

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: 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
■ 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, inclinded 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. 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

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: PASS

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

Facial Dimension

ASTM c499-09
UNI EN ISO 10545.02

	Standard	Tolerance	Result
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	A
Bases	A
Chemicals	A

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 Stoneware

Product Line: TUSCAN

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