

Sioux



*Inspired By Nature,
Made Possible By...*

CANCOS
TILE & STONE



DOMSXR848



| 8 x 48 |



DOMSXC1848



| 8 x 48 |



DOMSXCL848



| 8 x 48 |



DOMSXGR848





DOMSXOA848



| 8 x 48 |



DOMSXWH848



| 8 x 48 |

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

Suggested Applications

floor wall residential light commercial heavy commercial exterior pools

Installation Suggestions

joint size modular setting plank installation edge: straight rustic rectified finish: matte polished structured honed semi-polished other

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 mm** # of faces: **51**

Slip Resistance

COF *WET* *DRY* **DCOF** DIN 51130 DIN 51097 Class Typical Applications Critical Angle

accessible routes	standard* .6	result .6	standard* .6	result .77	<input checked="" type="checkbox"/> R9*	3-10°	<input type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
ramps	.8		.8		<input type="checkbox"/> R10	10-19°	<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
					<input type="checkbox"/> R11	19-27°	<input type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, included pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°
					<input type="checkbox"/> R12	27-35°			
					<input type="checkbox"/> R13	>35°			

*Industry Standard/ADA Requirements

Values	Tile Classification
0 - 0.50	Questionable
0.50 - 0.60	Conditionally Slip Resistant
> 0.60	Slip Resistant

ASTM C-1028 DIN 51097/51130

Scratch Resistance

MOH'S SCALE UNI EN ISO 10545.6 **≤175**

Mineral

1. Talc (Talc)	6. Microline (Glass, Glazed Tile)
2. Gypsum (Fingernail)	7. Quartz (Unglazed Porcelain)
3. Calcite (Penny)	8. Topaz (Granite)
4. Fluorite (Some Marbles)	9. Corundum (Ruby)
5. Apatite (Knife Blade)	10. Diamond (Diamond)

Industry standard ≤175mm²

Wear Resistance

PEI RATING UNI EN ISO 10545.7 **1**

Class 1: Walls only
 Class 2: Resid. floors w/minimal abrasive traffic.
 Class 3: Resid. interiors normal use and foot traffic.
 Class 4: Light-medium commercial applications.
 Class 5: Commercial applications.

Stain Resistance

ASTM C1378-04 UNI EN ISO 10545.14 **4**

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 **≤.5**

<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> 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 **>35**

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%	
thickness ±6mm	±.5%	
straightness ±4.5mm	±.5%	
squareness ±5.4mm	±.6%	
sides L/W ±1.1mm ±4.5mm	±.5%	

COMPLY WITH SPECS

Chemical Resistance

ASTM C650 UNI EN ISO 10545.13

Allowances for: acid result bases chemicals

Leed Information

REquireMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	1 Point	2 Points
Site selection SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.	<input type="checkbox"/>	
Energy & Atmosphere 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 IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	<input 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 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: **Sioux**

1) WEAR RESISTANCE: Differs according to surface color Class 3: Brown | Class 4: Cinnamon, Clay, Grey, Oak | Class 5: White

2) LEED INFORMATION: All Cerindustries products comply with many of LEED's requirements and porcelain stoneware are made up of a percentage of recycled and recovered material (pre-consumer), that does exceed 40% of the total quantity of clays employed. Cerindustries products do not release VOC and are manufactured in production facilities environmental friendly certified. *Points must be assigned by the architect and builder according to selections and LEED procedures.*