

# Sioux

wood-look porcelain



**COBSA-USA**

NEW YORK | NEW JERSEY | MIAMI



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 CobsA-USA. 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
	standard*	result	standard*	result					
accessible routes	.6	.6	.6	.77	.54	<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 **≤175**  
 10545.6

**Mineral**

- Talc (Talc)
- Gypsum (Fingernail)
- Calcite (Penny)
- Flourite (Some Marbles)
- Apatite (Knife Blade)
- Microline (Glass, Glazed Tile)
- Quartz (Unglazed Porcelain)
- Topaz (Granite)
- Corundum (Ruby)
- Diamond (Diamond)

Industry standard ≤175mm<sup>2</sup>

### Wear Resistance

PEI RATING UNI EN ISO **10545.7**

- 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 **4**  
 10545.14

- Removed after 5 minutes (hot water running)
- Removed by manual cleaning (weak detergent)
- Removed by mechanical cleaning (strong detergent)
- Removed by immersion (24 hrs in suitable solvent)
- Stain not removed

### Water Absorption

ASTM C-373  
 UNI EN ISO **≤.5**  
 10545.3

Impervious	Vitreous	Semi-Vitreous	Non-Vitreous
<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> Absorbs 7% +
Interior/exterior Frost Resistant	Interior/exterior Frost Resistant	Indoor use only	Indoor use only

### Breaking Strength

ASTM C648  
 UNI EN ISO **>35**  
 10545.4

Industry standard should be greater than 250 lbs or 50 N/MM<sup>2</sup>

### Facial Dimension

ASTM C499-09  
 UNI EN ISO **10545.02**

Standard	Tolerance	Result
flatness ±5mm	±.5%	<input type="checkbox"/>
thickness ±6mm	±.5%	<input type="checkbox"/>
straightness ±4.5mm	±.5%	<input type="checkbox"/>
squareness ±5.4mm	±.6%	<input type="checkbox"/>
sides L/W ±1.1mm / ±4.5mm	±.5%	<input type="checkbox"/>

COMPLY WITH SPECS

### Chemical Resistance

ASTM C650  
 UNI EN ISO **10545.13**

Allowances for:

	result
acid	<input type="checkbox"/>
bases	<input type="checkbox"/>
chemicals	<input type="checkbox"/>

### Leed Information

REquireMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Category	Points
<b>Sustainable Sites</b> Site selection SS CREDIT 1 <b>Heat Island Effect-non roof</b> Material with a solar reflectant index of at least 29.	<b>1 Point</b> <input type="checkbox"/>
<b>Energy &amp; Atmosphere</b> EA CREDIT 4 <b>Green Power:</b> Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<b>1 Point</b> <input type="checkbox"/>
<b>Indoor Environmental Quality</b> Low-Emitting Materials-Flooring Systems IEQ CREDIT 3.1-7 <b>Green Cleaning:</b> Reducing occupants exposure to hazardous cleaning chemicals.	<b>1 Point</b> <input type="checkbox"/>
IEQ CREDIT 4.1 <b>Low Emitting Adhesives:</b> Products less than 65 G/L VOC	<input type="checkbox"/>
IEQ CREDIT 4.3 <b>Low Emitting Materials:</b> Flooring systems.	<input type="checkbox"/>
<b>Materials &amp; Resources</b> M&R CREDIT 2 <b>Construction Waste Management:</b> Recycling salvaged construction waste in to new reusable materials.	<b>1 Point</b> 50% <input type="checkbox"/> <b>2 Points</b> 70% <input type="checkbox"/>
M&R CREDIT 4.1-4.2 <b>Recycled Content:</b> 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 <b>Regional Materials:</b> Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/> 20% <input type="checkbox"/>
<b>Innovation in Design</b> ID CREDIT 1 <b>Innovation in Design</b> Measurable exemplary environmental performance.	<b>1-5 Points</b> <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.\*