

Redwood

wood-look porcelain



COBSA-USA

NEW YORK | NEW JERSEY | MIAMI

WOOD-LOOK PORCELAIN

Aquila



COPREAQ936



| 9 x 36 |

COPREAQMOS22



| 2 x 2 mosaic |



COPREAU936



| 9 x 36 |

COPREAU MOS22



| 2 x 2 mosaic |



COPRECA936



| 9 x 36 |

COPRECAMOS22



| 2 x 2 mosaic |

WOOD-LOOK PORCELAIN

Nimbus



COPRENI936



| 9 x 36 |

COPRENIMOS22



| 2 x 2 mosaic |



COPRERU936



| 9 x 36 |

COPRERUMOS22



| 2 x 2 mosaic |

Suggested Applications



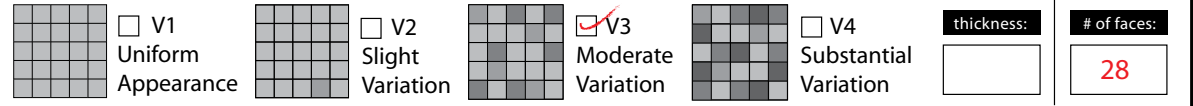
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance



COF	WET		DRY	
	standard*	result	standard*	result
accessible routes	.6		.6	
ramps	.8		.8	

*Industry Standard/ADA Requirements

DCOF		DIN 51130	
0.54		<input type="checkbox"/> R9*	3-10°
		<input type="checkbox"/> R10	10-19°
		<input type="checkbox"/> R11	19-27°
		<input type="checkbox"/> R12	27-35°
		<input type="checkbox"/> R13	>35°

DIN 51097		Critical Angle
Class	Typical Applications	
<input checked="" 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, included pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

ASTM C-1028
DIN 51097/51130

Scratch Resistance



MOH'S SCALE
UNI EN ISO 10545.6 **6**

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

Industry standard ≤175mm²

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 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

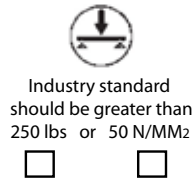
Water Absorption

ASTM C-373
UNI EN ISO 10545.3

<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



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"/>

Chemical Resistance

ASTM C650
UNI EN ISO 10545.13

Allowances for:

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

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	1 Point	Materials & Resources	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"/>	M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <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"/>	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"/>
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"/>	M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	<input type="checkbox"/>	Innovation in Design	1-5 Points	
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input type="checkbox"/>	ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input type="checkbox"/>	

Type: Porcelain Stoneware

Product Line: Redwood



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This same product may be marketed under different names.**