

Concrete



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

CANCOS
TILE & STONE

PORCELAIN STONEWARE



USACODK1224
*USACPK1224**



| 12 x 24 |

USACODK1836
*USACPK1836**



| 18 x 36 |

USACODK636*
*USACPK636**



| 6 x 36 |

USACODKMOS22
*USACPKMOS22**



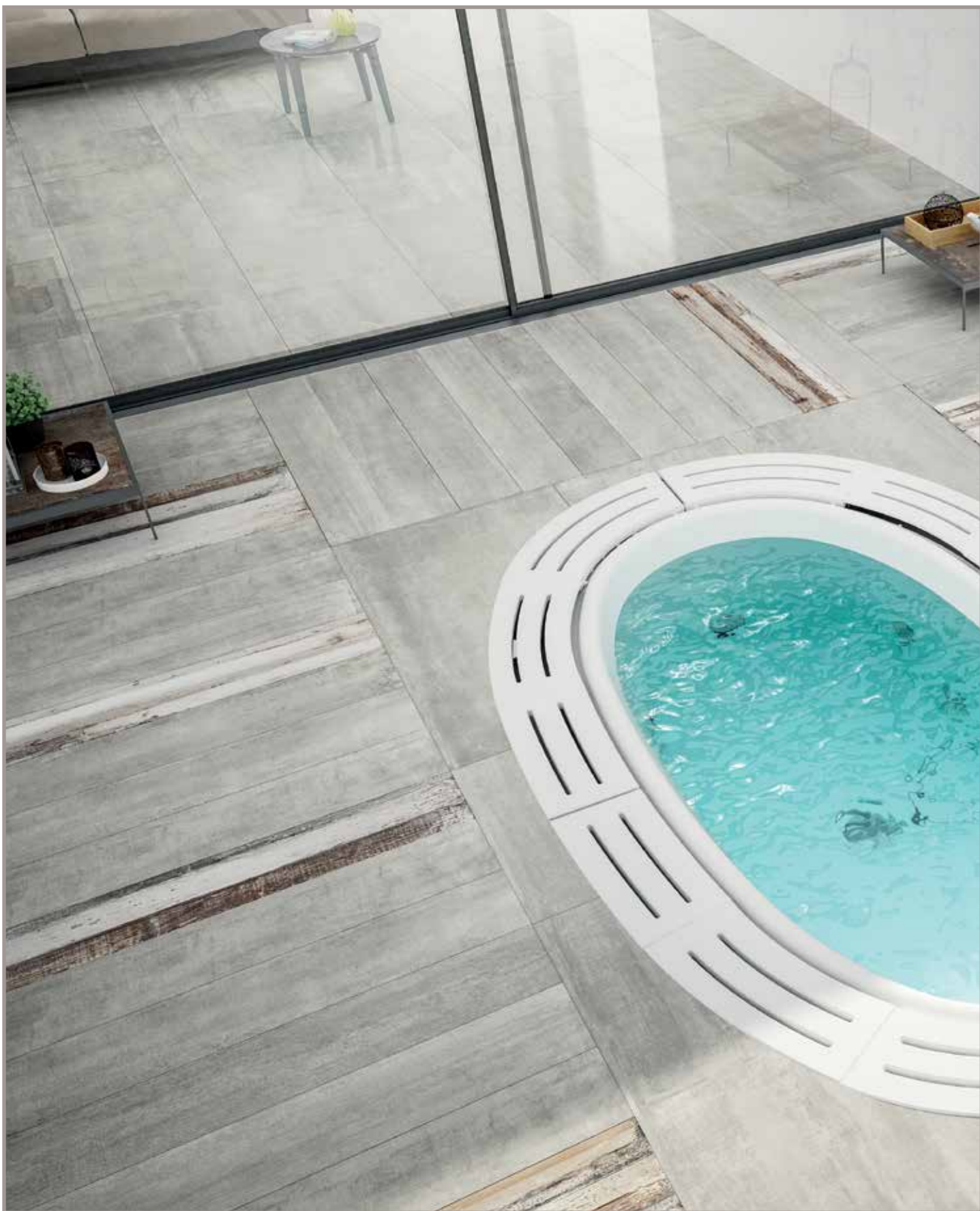
| 2 x 2 mosaic |

USACODKBN424
*USACPKBN424**



| 4 x 24 bullnose |

PORCELAIN STONEWARE



USACOGR1224
*USACPGR1224**



| 12 x 24 |

USACOGR1836
*USACPGR1836**



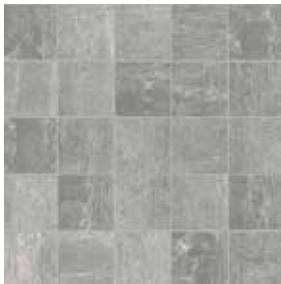
| 18 x 36 |

USACOGR636*
*USACPGR636**



| 6 x 36 |

USACOGRMOS22
*USACPGRMOS22**



| 2 x 2 mosaic |

USACOGRBN424
*USACPGRBN424**



| 4 x 24 bullnose |

PORCELAIN STONEWARE



Rust

USACORU1224
*USACPRU1224**



| 12 x 24 |

USACORU1836
*USACPRU1836**



| 18 x 36 |

USACORU636*
*USACPRU636**



| 6 x 36 |

USACORUMOS22
*USACPRUMOS22**



| 2 x 2 mosaic |

USACORUBN424
*USACPRUBN424**



| 4 x 24 bullnose |

**Polished Finished: Non-Stock / Special Order (1-2 Weeks)*

PORCELAIN STONEWARE



USACOWH1224
*USACPWH1224**



| 12 x 24 |

USACOWH1836
*USACPWH1836**



| 18 x 36 |

USACOWH636*
*USACPWH636**



| 6 x 36 |

USACOWHMOS22
*USACPWHMOS22**



| 2 x 2 mosaic |

USACOWHBN424
*USACPWHBN424**



| 4 x 24 bullnose |

PORCELAIN STONEWARE



Wood

USACOWO1224
*USACPWO1224**



| 12 x 24 |

USACOWO1836
*USACPWO1836**



| 18 x 36 |

USACOWO636*
*USACPWO636**



| 6 x 36 |

USACOWOMOS22
*USACPWOMOS22**



| 2 x 2 mosaic |

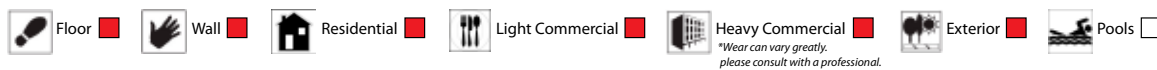
USACOWOBN424
*USACPWOBN424**



| 4 x 24 bullnose |

**Polished Finished: Non-Stock / Special Order (1-2 Weeks)*

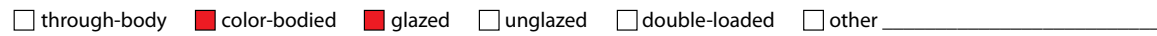
Suggested Applications



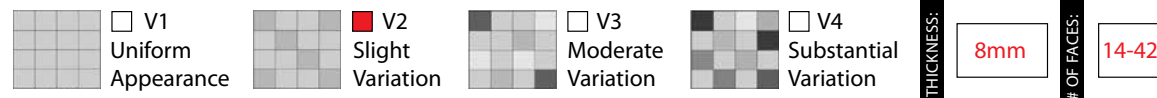
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

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

DCOF	Values	Applications
<input checked="" type="checkbox"/> .55	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
<input type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
<input checked="" type="checkbox"/> B	Showers 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°

Scratch Resistance

MOH'S SCALE
UNI EN ISO
10545.6

7

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: 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

Water Absorption	Impervious Interior/Exterior Frost Resistant	Vitreous Interior/Exterior Frost Resistant	Semi-Vitreous Indoor Use Only	Non-Vitreous Indoor Use Only
<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> Absorbs 7% +	

Breaking Strength

ASTM C648
UNI EN ISO
10545.4

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	PASS
Bases	PASS
Chemicals	PASS

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/LVOC	<input type="checkbox"/>	
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input checked="" type="checkbox"/>	
Materials & Resources 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 checked="" 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 ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.		1-5 Points <input checked="" type="checkbox"/>

Type: **Porcelain Stoneware**
Product Line: **Concrete**

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