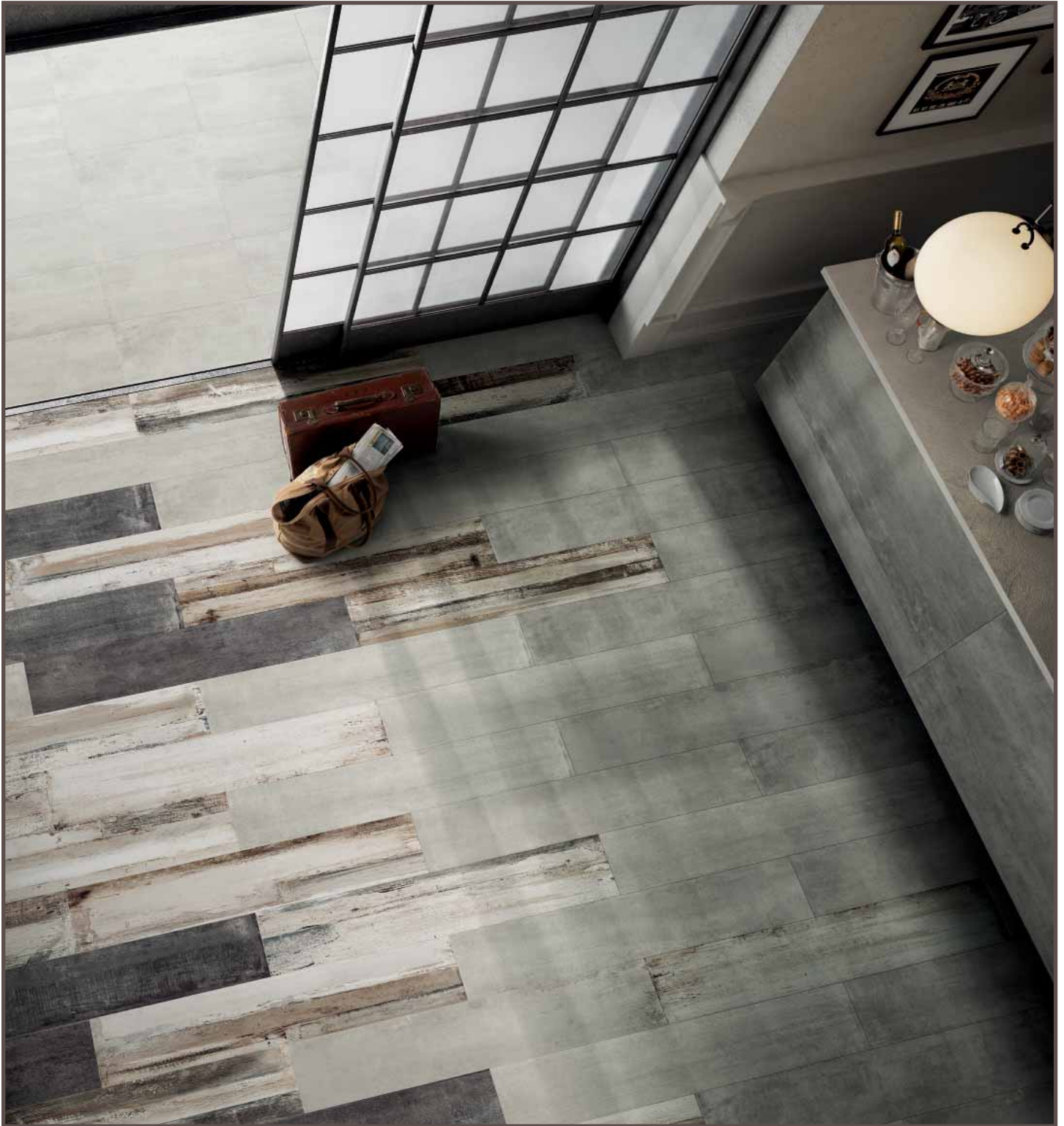
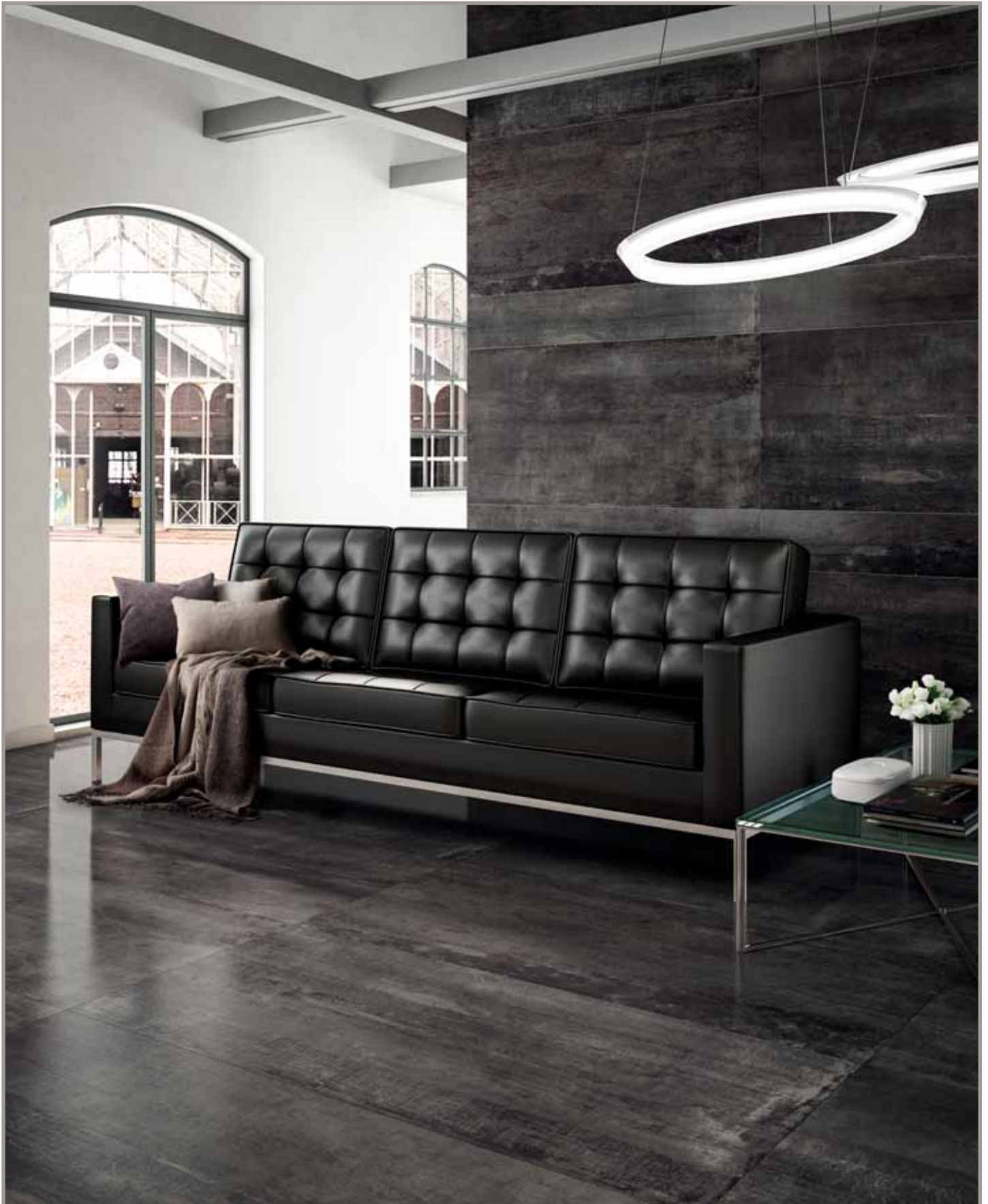


Concrete



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

PORCELAIN STONEWARE



Available in Honed & Polished Finish

Dark

USACODK1224
USACPK1224



| 12 x 24 |

USACODK1836
USACPK1836



| 18 x 36 |

USACODK636
USACPK636



| 6 x 36 |

**Non-Stock*
Special Order*

USACODKMOS22
USACPKMOS22



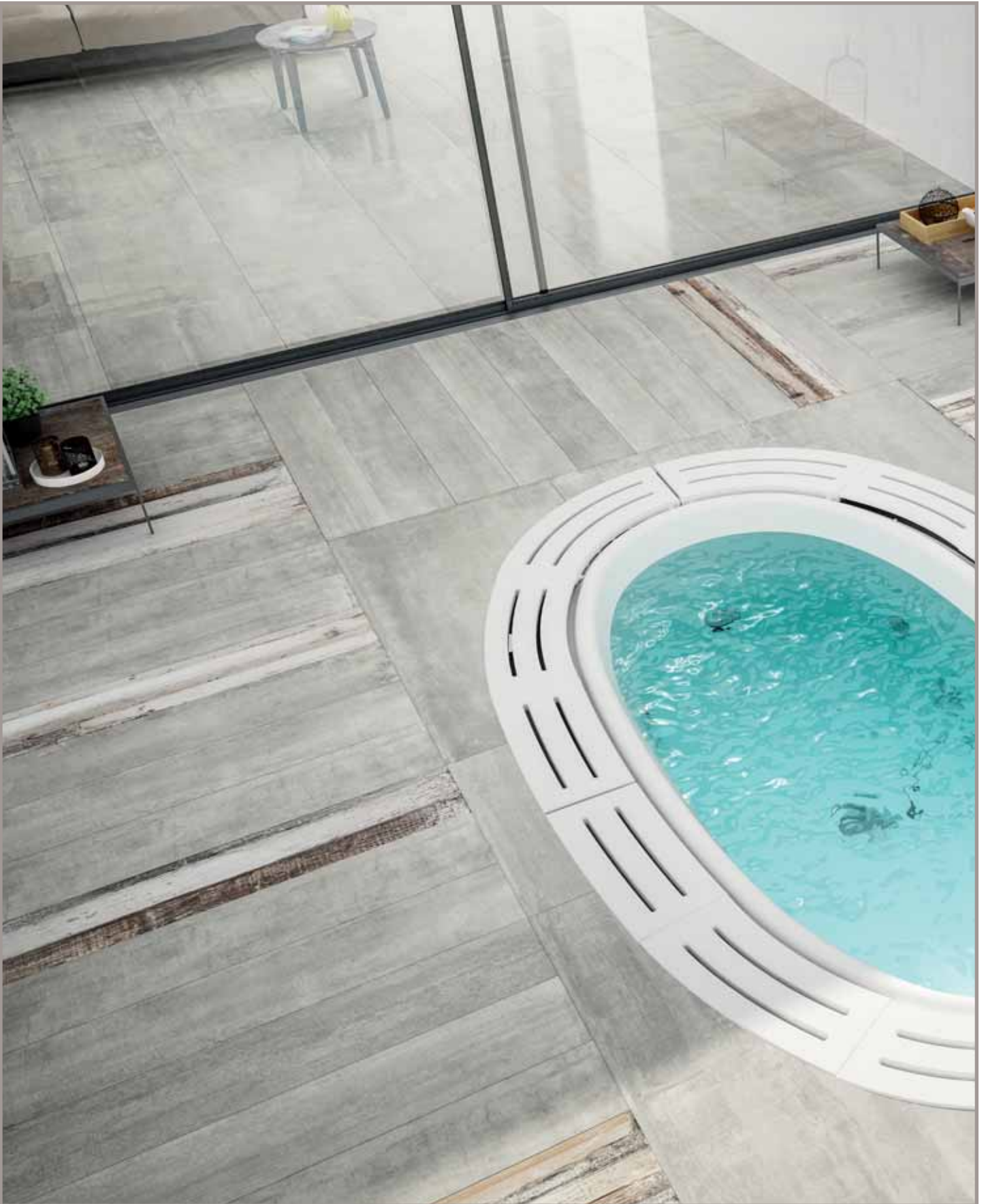
| 2 x 2 mosaic |

USACODKBN424
USACPKBN424



| 4 x 24 bullnose |

PORCELAIN STONEWARE



USACOGR1224
USACPGR1224



| 12 x 24 |

USACOGR1836
USACPGR1836



| 18 x 36 |

USACOGR636
USACPGR636



| 6 x 36 |

**Non-Stock*
Special Order*

USACOGRMOS22
USACPGRMOS22



| 2 x 2 mosaic |

USACOGRBN424
USACPGRBN424



| 4 x 24 bullnose |

PORCELAIN STONEWARE



USACORU1224
USACPRU1224



| 12 x 24 |

USACORU1836
USACPRU1836



| 18 x 36 |

USACORU636
USACPRU636



| 6 x 36 |

**Non-Stock*
Special Order*

USACORUMOS22
USACPRUMOS22



| 2 x 2 mosaic |

USACORUBN424
USACPRUBN424



| 4 x 24 bullnose |

PORCELAIN STONEWARE



Available in Honed & Polished Finish

White

USACOWH1224
USACPWH1224



| 12 x 24 |

USACOWH1836
USACPWH1836



| 18 x 36 |

USACOWH636
USACPWH636



| 6 x 36 |

**Non-Stock*
Special Order*

USACOWHMOS22
USACPWHMOS22



| 2 x 2 mosaic |

USACOWHBN424
USACPWHBN424



| 4 x 24 bullnose |

PORCELAIN STONEWARE



USACOWO1224
USACPWO1224



| 12 x 24 |

USACOWO1836
USACPWO1836



| 18 x 36 |

USACOWO636
USACPWO636



| 6 x 36 |

**Non-Stock*
Special Order*

USACOWOMOS22
USACPWOMOS22



| 2 x 2 mosaic |

USACOWOBN424
USACPWOBN424



| 4 x 24 bullnose |

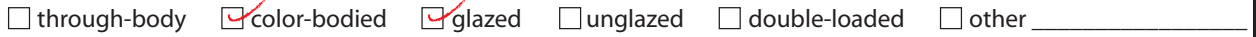
Suggested Applications



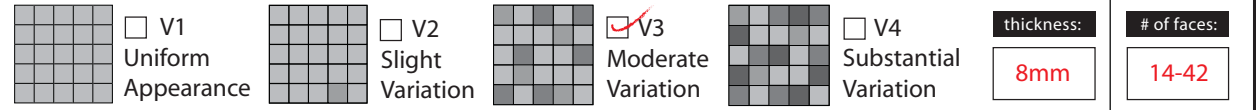
Installation Suggestions



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

.50

DIN 51130

<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

Class	Typical Applications	Critical Angle
<input 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 **7**
UNI EN ISO
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 ≤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

- 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

A

Water Absorption

ASTM C-373
UNI EN ISO
10545.3



Absorbs 0-.5%



Absorbs .5-3%



Absorbs 3-7%



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



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

491 LBF

Facial Dimension

ASTM c499-09
UNI EN ISO
10545.02

	Standard	Tolerance	Result
flatness	±5mm	±.5%	≤.5%
thickness	±6mm	±.5%	≤.5%
straightness	±4.5mm	±.5%	≤.5%
squareness	±5.4mm	±.6%	≤.5%
sides L/W	±1.1mm ±4.5mm	±.5%	≤.5%

Chemical Resistance

ASTM C650
UNI EN ISO
10545.13

Allowances for:

	result
acid	
bases	
chemicals	

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites

Site selection

SS CREDIT 1

Heat Island Effect-non roof

Material with a solar reflectant index of at least 29.

1 Point



Energy & Atmosphere

EA CREDIT 4

Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT

1 Point



Indoor Environmental Quality

Low-Emitting Materials-Flooring Systems

IEQ CREDIT 3.1-7

Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.

1 Point



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

M&R CREDIT 2

Construction Waste Management:

Recycling salvaged construction waste in to new reusable materials.

1 Point

2 Points

50%

70%

M&R CREDIT 4.1-4.2

Recycled Content: The sum of the 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

ID CREDIT 1

Innovation in Design

Measurable exemplary environmental performance.

1-5 Points



Type: **Porcelain Stoneware**

Product Line: **Concrete**