

# Petrastone

porcelain stoneware



**COBSA USA**  
NEW YORK | NEW JERSEY | MIAMI



# AVORIO

DOMPEAV88



| 8x8 |

DOMPEAV816



| 8x16 |

DOMPEAV1624



| 16x24 |

DOMPEAVHER



| herringbone |

DOMPEAV24



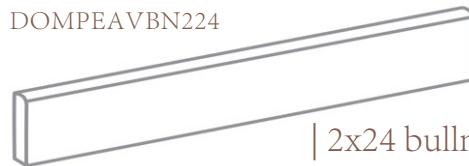
| 24x24 |

DOMPEAV16



| 16x16 |

DOMPEAVBN224



| 2x24 bullnose |

DOMPEAVMOS11



| 1x1 mosaic |



DOMPEGR88



| 8x8 |

DOMPEGR816



| 8x16 |

DOMPEGR1624



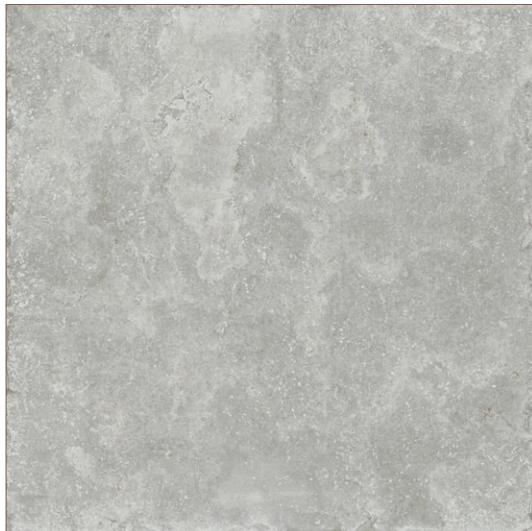
| 16x24 |

DOMPEGRHER



| herringbone |

DOMPEGR24



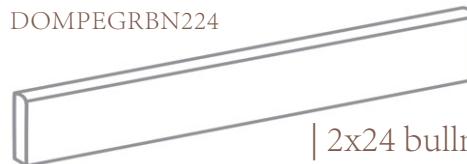
| 24x24 |

DOMPEGR16



| 16x16 |

DOMPEGRBN224



| 2x24 bullnose |

DOMPEGRMOS11



| 1x1 mosaic |



# SABBIA

DOMPESA88



| 8x8 |

DOMPESA816



| 8x16 |

DOMPESA1624



| 16x24 |

DOMPESAHER



| herringbone |

DOMPESA24



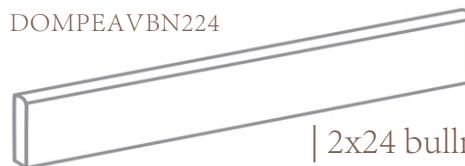
| 24x24 |

DOMPESA16



| 16x16 |

DOMPEAVBN224



| 2x24 bullnose |

DOMPESAMOS11



| 1x1 mosaic |



DOMPETU88



| 8x8 |

DOMPETU816



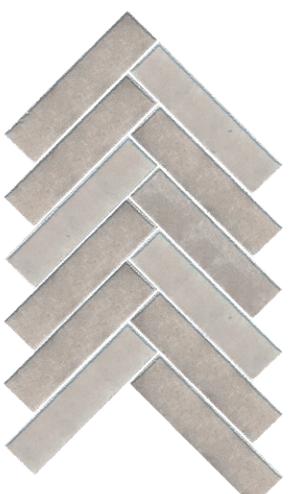
| 8x16 |

DOMPETU1624



| 16x24 |

DOMPETUHER



| herringbone |

DOMPETU24



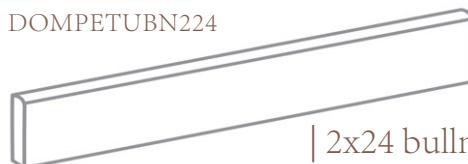
| 24x24 |

DOMPETU16



| 16x16 |

DOMPETUBN224



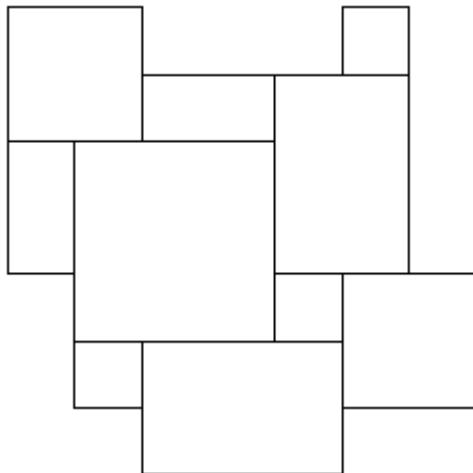
| 2x24 bullnose |

DOMPETUMOS11



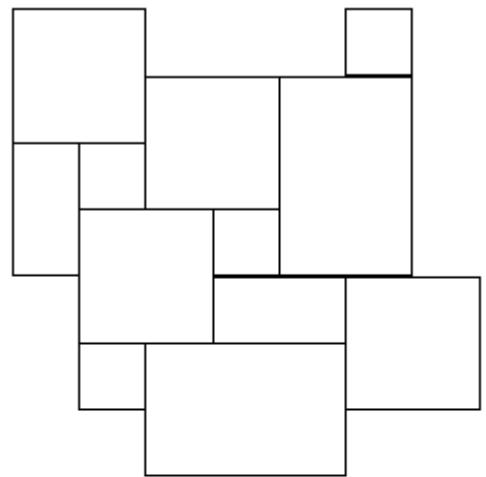
| 1x1 mosaic |





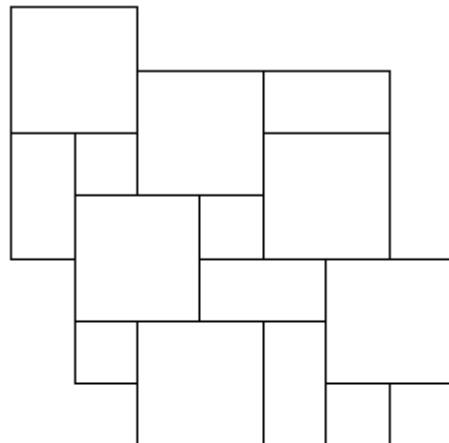
Laying Pattern #1

24x24	25%
16x24	33.33%
16x16	22.22%
8x16	11.11%
8x8	8.33%



Laying Pattern #2

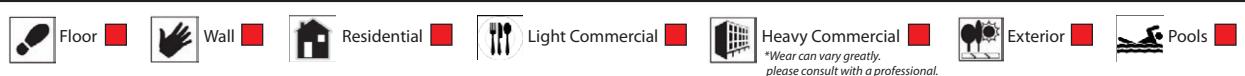
16x24	33.33%
16x16	44.44%
8x16	11.11%
8x8	11.11%



Laying Pattern #3

16x16	66.66%
8x16	22.22%
8x8	11.12%

# Suggested Applications



\*Wear can vary greatly, please consult with a professional.

## Installation Suggestions

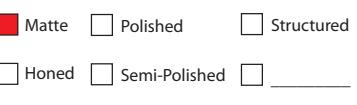


\*Install the offset the width of the plank. For professional installation, the use of leveling spacers for all plank and rectangular (ie. 12x24) format tiles is recommended.

EDGE:



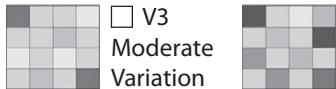
FINISH:



## Porcelain Type

through-body    color-bodied    glazed    unglazed    double-loaded    other \_\_\_\_\_

## Shade Variation



THICKNESS:   
 24 = 24x24  
 24 = 16x24  
 48 = 16x16  
 70 = 8x16  
 100 = 8x8

## Slip Resistance

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

DCOF	Values	Applications
	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		Critical Angle
Class	Typical Applications	
<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 checked="" type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, inclined pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

## Scratch Resistance

MOH'S SCALE  
UNI EN ISO  
10545.6

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 ≤175mm<sup>2</sup>

7

## 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

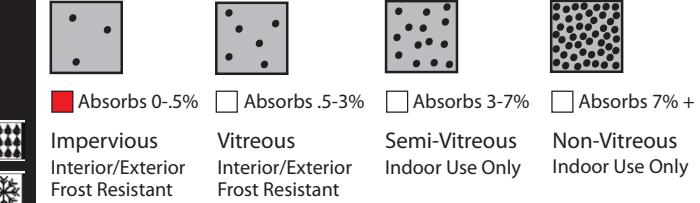
ASTM C1378-04  
UNI EN ISO  
10545.14

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



## Breaking Strength

ASTM C648  
UNI EN ISO  
10545.4

PASS



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

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

## Chemical Resistance

ASTM C650  
UNI EN ISO  
10545.13

Allowances for:	result
Acid	<input checked="" type="checkbox"/> PASS
Bases	<input checked="" type="checkbox"/> PASS
Chemicals	<input checked="" type="checkbox"/> PASS

## Leed Information



REQUIREMENTS  
FOR COMMERCIAL  
INTERIORS/NEW  
CONSTRUCTION

### Sustainable Sites

Site selection   1 Point

SS CREDIT 1  
Heat Island Effect-non roof  
Material with a solar reflectant index of at least 29.

### Energy & Atmosphere

EA CREDIT 4  
Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT

### Indoor Environmental Quality

Low-Emitting Materials-Flooring Systems   1 Point

IEQ CREDIT 3.1-7  
Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.

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

1 Point

2 Points

M&R CREDIT 2  
Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.

50%

70%

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%

20%

M&R CREDIT 5  
Regional Materials: Materials manufactured within 500 miles of the project site.

10%

20%

### Innovation in Design

1-5 Points

ID CREDIT 1  
Innovation in Design  
Measurable exemplary environmental performance.

Type:  
Porcelain Stoneware

Product Line:  
PETRASTONE

\*The marketing name for this product is property of CobsA-USA.  
This same product may be marketed under different names.\*