

Petrastone

porcelain stoneware



COBSA USA
NEW YORK | NEW JERSEY | MIAMI



AVORIO

DOMPEAV88



| 8x8 |

DOMPEAV816



| 8x16 |

DOMPEAV1624



| 16x24 |

DOMPEAVHER



| herringbone |

DOMPEAV24



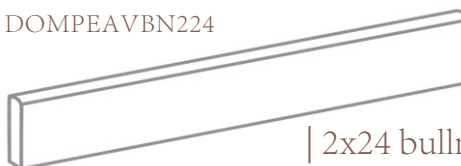
| 24x24 |

DOMPEAV16



| 16x16 |

DOMPEAVBN224



| 2x24 bullnose |

DOMPEAVMOS11



| 1x1 mosaic |



GRIGIO

DOMPEGR88



| 8x8 |

DOMPEGR816



| 8x16 |

DOMPEGR1624



| 16x24 |

DOMPEGRHER



| herringbone |

DOMPEGR24



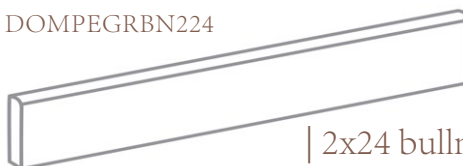
| 24x24 |

DOMPEGR16



| 16x16 |

DOMPEGRBN224



| 2x24 bullnose |

DOMPEGRMOS11



| 1x1 mosaic |



SABBIA

DOMPESA88



| 8x8 |

DOMPESA816



| 8x16 |

DOMPESA1624



| 16x24 |

DOMPESAHER



| herringbone |

DOMPESA24



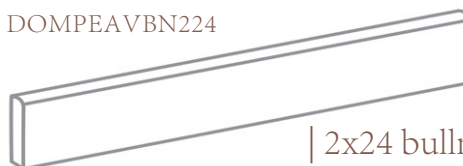
| 24x24 |

DOMPESA16



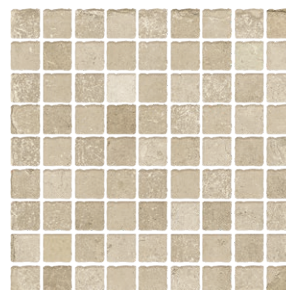
| 16x16 |

DOMPEAVBN224



| 2x24 bullnose |

DOMPESAMOS11



| 1x1 mosaic |



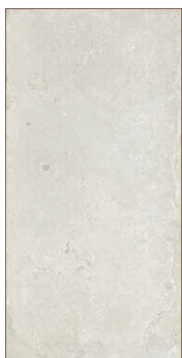
TUFO

DOMPETU88



| 8x8 |

DOMPETU816



| 8x16 |

DOMPETU1624



| 16x24 |

DOMPETUHER



| herringbone |

DOMPETU24



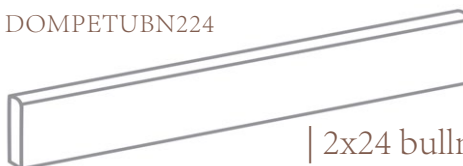
| 24x24 |

DOMPETU16



| 16x16 |

DOMPETUBN224



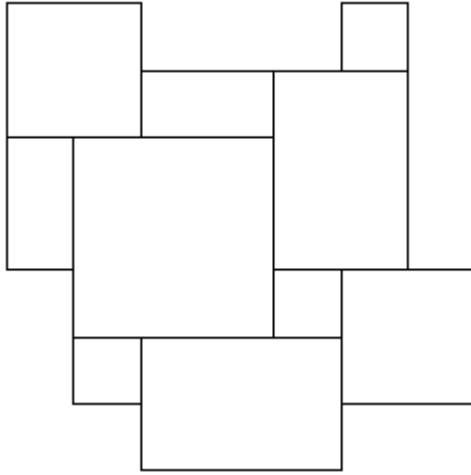
| 2x24 bullnose |

DOMPETUMOS11



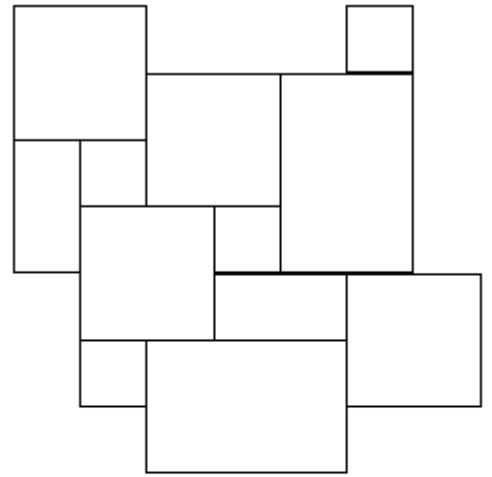
| 1x1 mosaic |





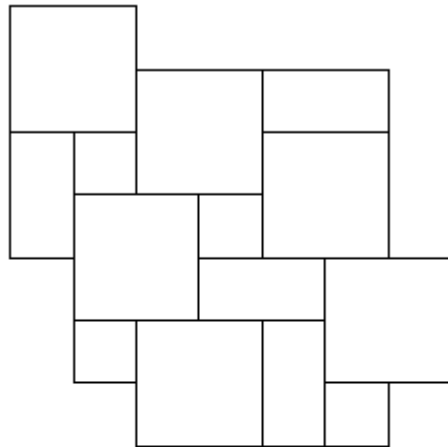
Laying Pattern #1

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



Floor

Wall

Residential

Light Commercial

Heavy Commercial

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

Exterior

Pools

Installation Suggestions



Plank Installation* **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.*



Modular Setting



Joint Size
MIN. 1/4"

EDGE:



Straight/Pressed



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:

10mm

OF FACES:

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

Slip Resistance

DCOF

.60



Values

0.42

0.65

Applications

Recommended Standard DCOF value for wet/dry commercial flooring

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°)

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

DIN 51097

Class

Typical Applications

Critical Angle

☐ A

Barefoot, but mainly dry aisles and walkways, dry changing areas

≥12°

☐ B

Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)

≥18°

☒ 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)
2. Gypsum (Fingernail)
3. Calcite (Penny)
4. Fluorite (Some Marbles)
5. Apatite (Knife Blade)

6. Microline (Glass, Glazed Tile)
7. Quartz (Unglazed Porcelain)
8. Topaz (Granite)
9. Corundum (Ruby)
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



Absorbs 0-.5%
Impervious
Interior/Exterior
Frost Resistant



Absorbs .5-3%
Vitreous
Interior/Exterior
Frost Resistant



Absorbs 3-7%
Semi-Vitreous
Indoor Use Only



Absorbs 7%+
Non-Vitreous
Indoor Use Only

Breaking Strength

ASTM C648
UNI EN ISO
10545.4

PASS



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

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

1 Point

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

1 Point

IEQ CREDIT 4.3

Low Emitting Materials: Flooring systems.

1 Point

Materials & Resources

M&R CREDIT 2

Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.

1 Point

2 Points

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

ID CREDIT 1

Innovation in Design

Measurable exemplary environmental performance.

1-5 Points

Type:
Porcelain Stoneware

Product Line:
PETRASTONE

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