

Petrastone

porcelain stoneware



CANCOS
TILE & STONE



AVORIO

DOMPEAV88



| 8x8 |

DOMPEAV816



| 8x16 |

DOMPEAV1624



| 16x24 |

DOMPEAVHER



| herringbone |

DOMPEAV24



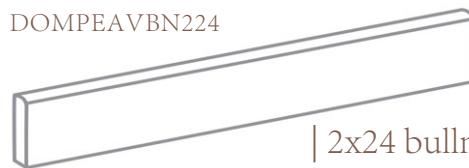
| 24x24 |

DOMPEAV16



| 16x16 |

DOMPEAVBN224



| 2x24 bullnose |

DOMPEAVMOS11



| 1x1 mosaic |



DOMPEGR88



| 8x8 |

DOMPEGR816



| 8x16 |

DOMPEGR1624



| 16x24 |

DOMPEGRHER



| herringbone |

DOMPEGR24



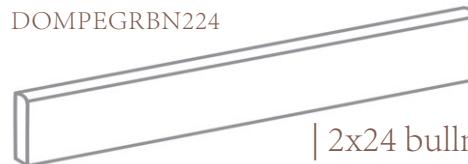
| 24x24 |

DOMPEGR16



| 16x16 |

DOMPEGRBN224



| 2x24 bullnose |

DOMPEGRMOS11



| 1x1 mosaic |



SABBIA

DOMPESA88



| 8x8 |

DOMPESA816



| 8x16 |

DOMPESA1624



| 16x24 |

DOMPESAHER



| herringbone |

DOMPESA24



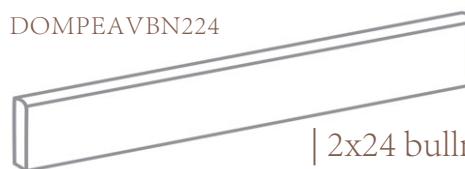
| 24x24 |

DOMPESA16



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DOMPEAVBN224



| 2x24 bullnose |

DOMPESAMOS11



| 1x1 mosaic |



DOMPETU88



| 8x8 |

DOMPETU816



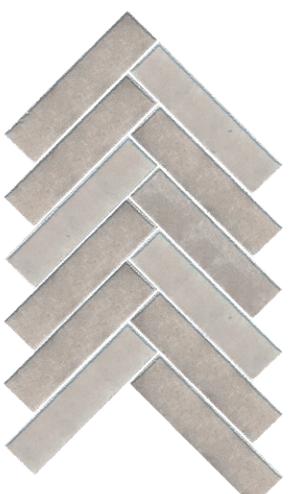
| 8x16 |

DOMPETU1624



| 16x24 |

DOMPETUHER



| herringbone |

DOMPETU24



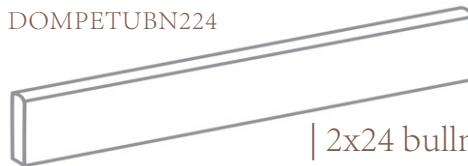
| 24x24 |

DOMPETU16



| 16x16 |

DOMPETUBN224



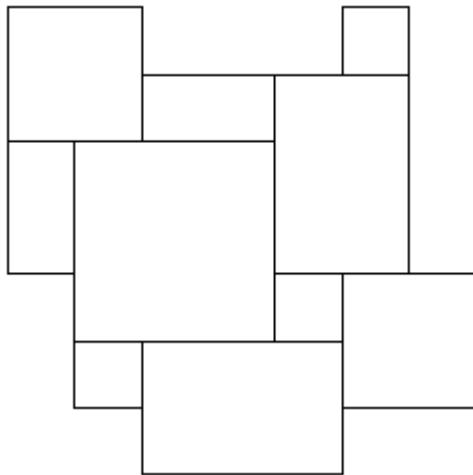
| 2x24 bullnose |

DOMPETUMOS11



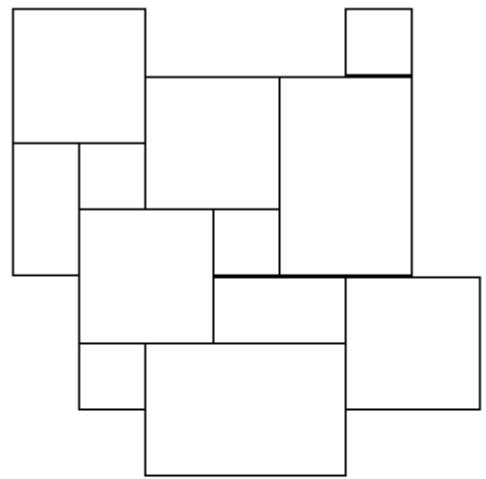
| 1x1 mosaic |





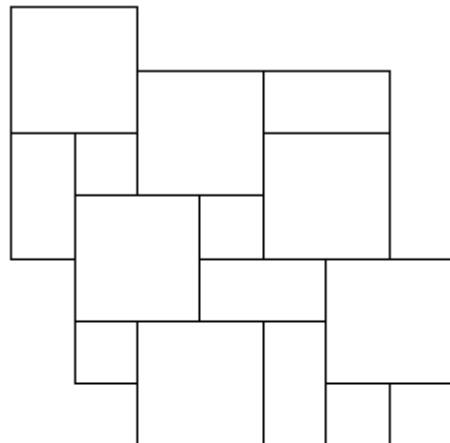
Laying Pattern #1

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



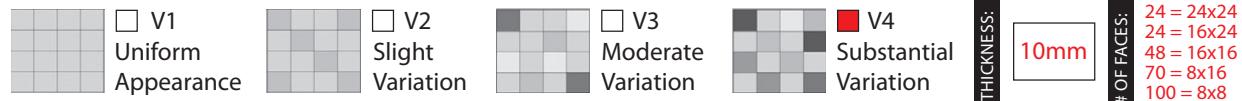
Installation Suggestions



Porcelain Type

through-body color-bodied glazed unglazed double-loaded other _____

Shade Variation



Slip Resistance

ASTM C-1028

ANSI A137.1

DIN 51097/51130

DCOF	Values	Applications
.60	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

7

MINERAL	
1. Talc (Talc)	6. Microlite (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

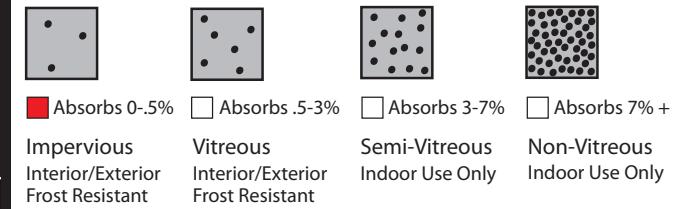
10545.14

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



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

flatness	Standard	Tolerance	Result
	±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
SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.	<input type="checkbox"/>
Energy & Atmosphere	1 Point
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	1 Point
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/L VOC	<input type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input type="checkbox"/>

Materials & Resources	1 Point	2 Points
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 type="checkbox"/>
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M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
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Innovation in Design	1-5 Points
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input type="checkbox"/>

Type:
Porcelain Stoneware

Product Line:
PETRASTONE

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