

Petrastone

porcelain stoneware



CANCOS
TILE & STONE



AVORIO

DOMPEAV88



| 8x8 |

DOMPEAV816



| 8x16 |

DOMPEAV1624



| 16x24 |

DOMPEAVHER



| herringbone |

DOMPEAV24



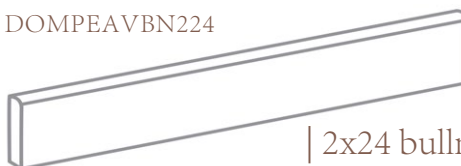
| 24x24 |

DOMPEAV16



| 16x16 |

DOMPEAVBN224



| 2x24 bullnose |

DOMPEAVMOS11



| 1x1 mosaic |



GRIGIO

DOMPEGR88



| 8x8 |

DOMPEGR816



| 8x16 |

DOMPEGR1624



| 16x24 |

DOMPEGRHER



| herringbone |

DOMPEGR24



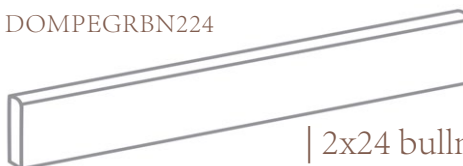
| 24x24 |

DOMPEGR16



| 16x16 |

DOMPEGRBN224



| 2x24 bullnose |

DOMPEGRMOS11



| 1x1 mosaic |



SABBIA

DOMPESA88



| 8x8 |

DOMPESA816



| 8x16 |

DOMPESA1624



| 16x24 |

DOMPESAHER



| herringbone |

DOMPESA24



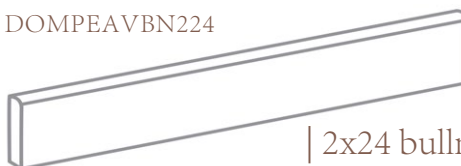
| 24x24 |

DOMPESA16



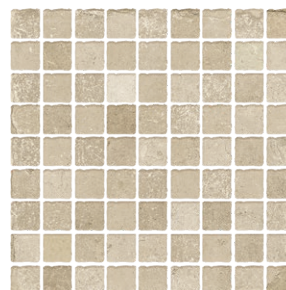
| 16x16 |

DOMPEAVBN224



| 2x24 bullnose |

DOMPESAMOS11



| 1x1 mosaic |



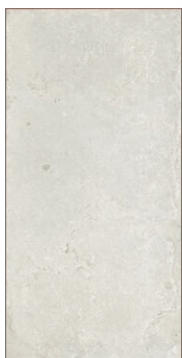
TUFO

DOMPETU88



| 8x8 |

DOMPETU816



| 8x16 |

DOMPETU1624



| 16x24 |

DOMPETUHER



| herringbone |

DOMPETU24



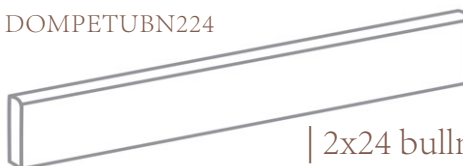
| 24x24 |

DOMPETU16



| 16x16 |

DOMPETUBN224



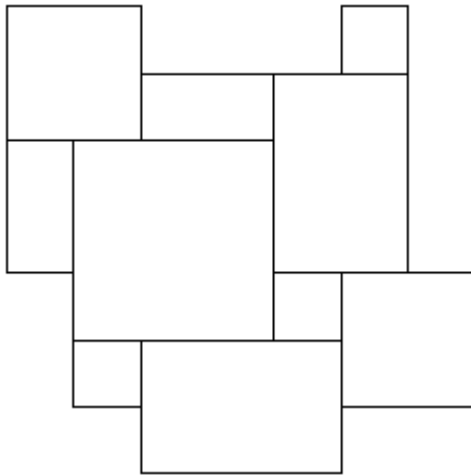
| 2x24 bullnose |

DOMPETUMOS11



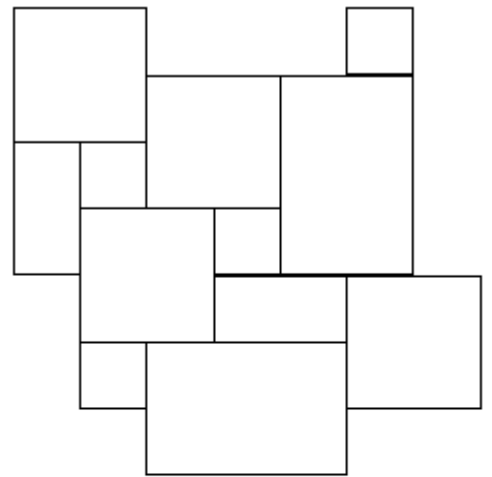
| 1x1 mosaic |





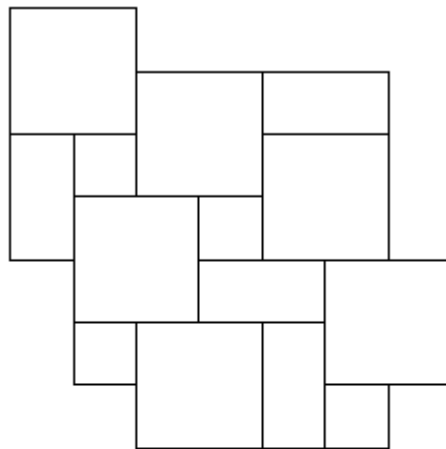
Laying Pattern #1

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

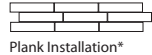
Heavy Commercial
*Wear can vary greatly.
please consult with a professional.

Exterior



Pools

Installation Suggestions



Plank Installation*



Modular Setting

Joint Size
1/4"*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:



Straight/Pressed



Rustic



Rectified

FINISH:



Matte



Polished



Structured



Honed



Semi-Polished



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, 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)

2. Gypsum (Fingernail)

3. Calcite (Penny)

4. Fluorite (Some Marbles)

5. Apatite (Knife Blade)

Industry standard ≤175mm²

6. Microline (Glass, Glazed Tile)

7. Quartz (Unglazed Porcelain)

8. Topaz (Granite)

9. Corundum (Ruby)

10. Diamond (Diamond)

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

flatness

Standard
± 5mmTolerance
± .5%Result
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

1 Point

SS CREDIT 1

Heat Island Effect-non roof

Material with a solar reflectant index of at least 29.

☐

Energy & Atmosphere

1 Point

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 StonewareProduct Line:
PETRASTONE*The marketing name for this product is property of Canos Tile & Stone.
This same product may be marketed under different names.*