

# Petrastone

porcelain stoneware





# AVORIO

DOMPEAV88



| 8x8 |

DOMPEAV816



| 8x16 |

DOMPEAV16



| 16x16 |

DOMPEAV24



| 24x24 |

DOMPEAV1624



| 16x24 |

DOMPEAVHER



| herringbone |

DOMPEAVMOS11



| 1x1 mosaic |



# GRIGIO

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DOMPEGRHER



| herringbone |

DOMPEGR24



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# SABBIA

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# TUFO

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DOMPETUHER



| herringbone |

DOMPETU24



| 24x24 |

DOMPETU1624



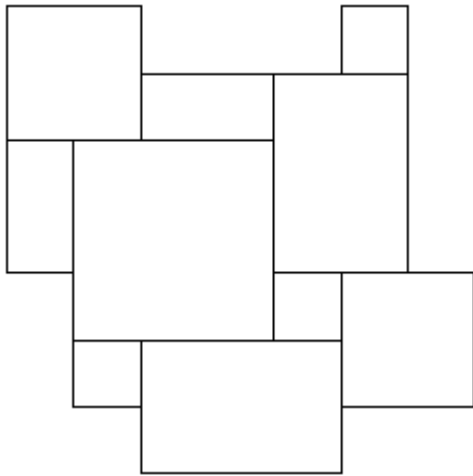
| 16x24 |

DOMPETUMOS11



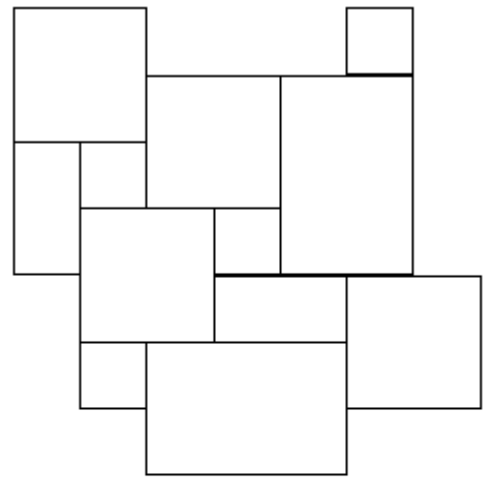
| 1x1 mosaic |





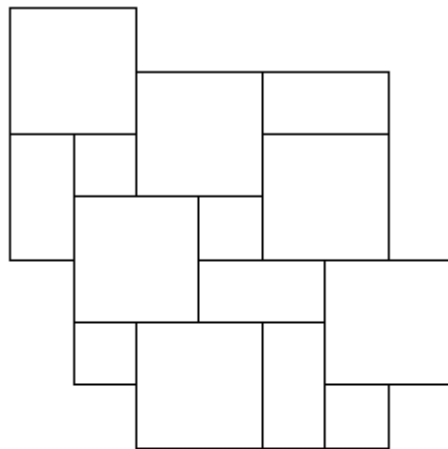
Laying Pattern #1

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



Laying Pattern #2

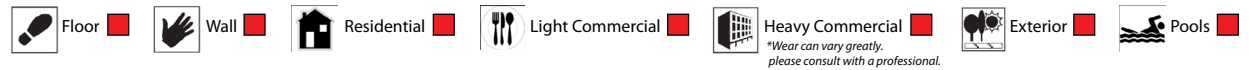
16x24	33.33%
16x16	44.44%
8x16	11.11%
8x8	11.11%



Laying Pattern #3

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

## Suggested Applications



## Installation Suggestions

Plank Installation\*  Modular Setting  Joint Size MIN 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: \_\_\_\_\_

## Slip Resistance

DCOF	Values	Applications
<input checked="" type="checkbox"/> .60	0.42	Recommended Standard DCOF value for wet/dry commercial flooring
<input type="checkbox"/>	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

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 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°

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

## Scratch Resistance

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>

## 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

- 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

ASTM C1378-04  
UNI EN ISO  
10545.14

## 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

Industry standard should be greater than 250 lbs or 50 N/MM<sup>2</sup>

ASTM C648  
UNI EN ISO  
10545.4

## 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	1 Point	Materials & Resources	1 Point	2 Points
Site selection	1 Point	M&R CREDIT 2	1 Point	2 Points
SS CREDIT 1		Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <input type="checkbox"/>
Heat Island Effect-non roof	<input type="checkbox"/>	M&R CREDIT 4.1-4.2	10% <input type="checkbox"/>	20% <input type="checkbox"/>
Material with a solar reflectant index of at least 29.		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"/>
Energy & Atmosphere	1 Point	M&R CREDIT 5	10% <input type="checkbox"/>	20% <input type="checkbox"/>
EA CREDIT 4		Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<input type="checkbox"/>	Innovation in Design		1-5 Points
Indoor Environmental Quality	1 Point	ID CREDIT 1		
Low-Emitting Materials-Flooring Systems		Innovation in Design		
IEQ CREDIT 3.1-7		Measurable exemplary environmental performance.		
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"/>			

Type: **Porcelain Stoneware**

Product Line: **PETRASTONE**

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