

Petrastone

porcelain stoneware





AVORIO

DOMPEAV88



| 8x8 |

DOMPEAV816



| 8x16 |

DOMPEAV16



| 16x16 |

DOMPEAV24



| 24x24 |

DOMPEAV1624



| 16x24 |

DOMPEAVHER



| herringbone |

DOMPEAVMOS11



| 1x1 mosaic |



GRIGIO

DOMPEGR88



| 8x8 |

DOMPEGR816



| 8x16 |

DOMPEGR16



| 16x16 |

DOMPEGRHER



| herringbone |

DOMPEGR24



| 24x24 |

DOMPEGR1624



| 16x24 |

DOMPEGRMOS11



| 1x1 mosaic |



SABBIA

DOMPESA88



| 8x8 |

DOMPESA816



| 8x16 |

DOMPESA16



| 16x16 |

DOMPESA24



| 24x24 |

DOMPESA1624



| 16x24 |

DOMPESAHER



| herringbone |

DOMPESAMOS11



| 1x1 mosaic |



TUFO

DOMPETU88



| 8x8 |

DOMPETU816



| 8x16 |

DOMPETU16



| 16x16 |

DOMPETUHER



| herringbone |

DOMPETU24



| 24x24 |

DOMPETU1624



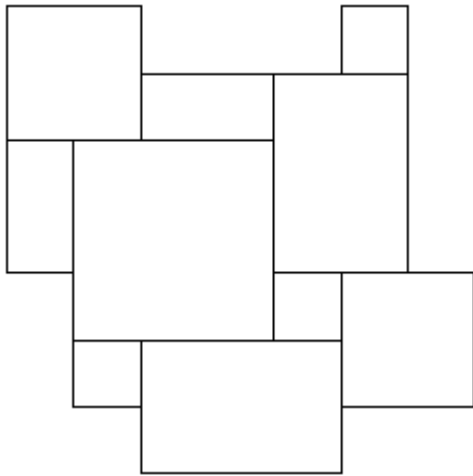
| 16x24 |

DOMPETUMOS11



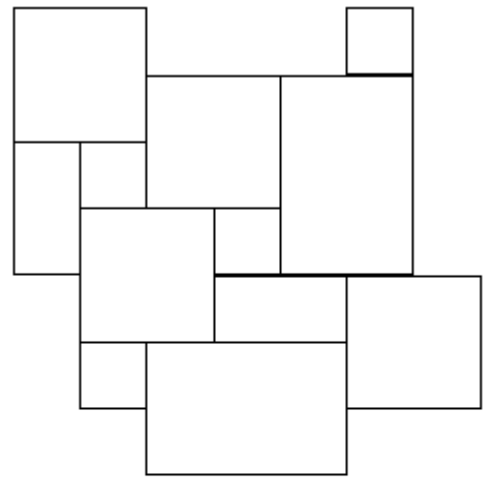
| 1x1 mosaic |





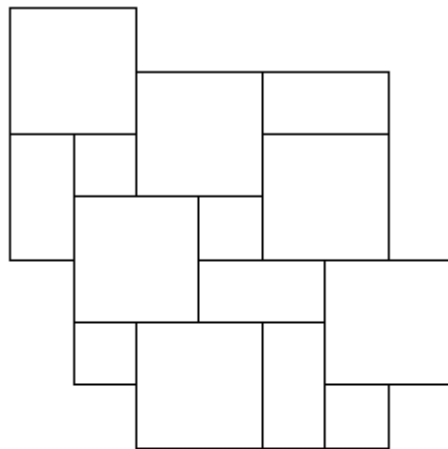
Laying Pattern #1

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



Laying Pattern #2

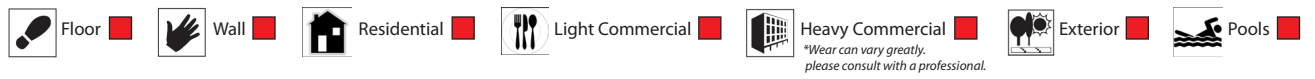
16x24	33.33%
16x16	44.44%
8x16	11.11%
8x8	11.11%



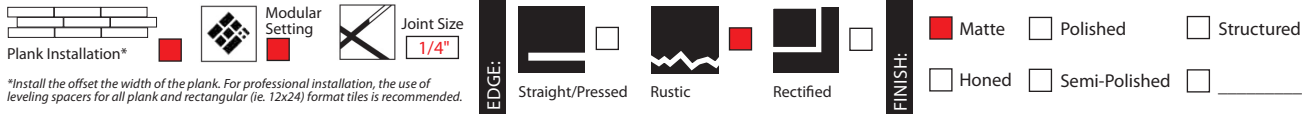
Laying Pattern #3

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

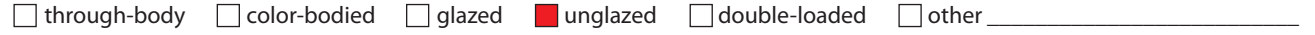
Suggested Applications



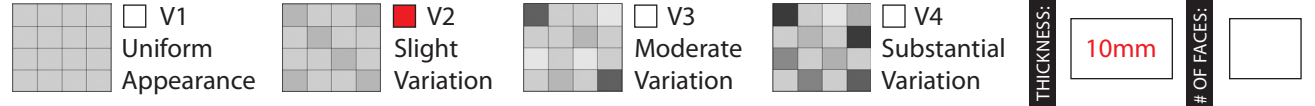
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance

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

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. Fluorite (Some Marbles)	9. Corundum (Ruby)
5. Apatite (Knife Blade)	10. Diamond (Diamond)

Industry standard ≤175mm²

MOH'S SCALE
UNI EN ISO
10545.6

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

- 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

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Water Absorption

ASTM C-373
UNI EN ISO
10545.3

Water Absorption	Impervious Interior/Exterior Frost Resistant	Vitreous Interior/Exterior Frost Resistant	Semi-Vitreous Indoor Use Only	Non-Vitreous Indoor Use Only
<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> Absorbs 7% +	

Breaking Strength

Industry standard should be greater than
250 lbs
or
50 N/MM²

ASTM C648
UNI EN ISO
10545.4

PASS

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
Site selection	<input type="checkbox"/>
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	<input type="checkbox"/>
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"/>
M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
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 Canco's Tile & Stone. This same product may be marketed under different names.