

Pietra Santa



*Inspired By Nature,
Made Possible By...*

CANCOS
TILE & STONE

COORDINATING WALL & FLOOR TILE



BELPIBA1030



| 10 x 30 |

BELPIBA1030BEV



beveled

| 10 x 30 |

BELPIBA16



| 16 x 16 |

BELPIBAMOS11



| 1 x 1 |

BELPIBALIS210



listel

| 2 x 10 |

BELPIBABN210



bullnose

| 2 x 10 |

BELPIBATOR210



torello

| 2 x 10 |

COORDINATING WALL & FLOOR TILE



Calacatta

BELPICA1030



| 10 x 30 |

BELPICA515



| 5 x 15 |

BELPICA1030BEV



beveled

| 10 x 30 |

BELPICATOR210



torello

| 2 x 10 |

BELPICA16



| 16 x 16 |

BELPICAMOS11



| 1 x 1 |

BELPICABN210



bullnose

| 2 x 10 |

BELPICALIS210



listel

| 2 x 10 |

COORDINATING WALL & FLOOR TILE



Statuario

BELPIST1030



| 10 x 30 |

BELPIST515



| 5 x 15 |

BELPIST1030BEV



beveled

| 10 x 30 |

BELPISTTOR210



toro

| 2 x 10 |

BELPIST16



| 16 x 16 |

BELPISTMOS11



| 1 x 1 |

BELPISTBN210



bullnose

| 2 x 10 |

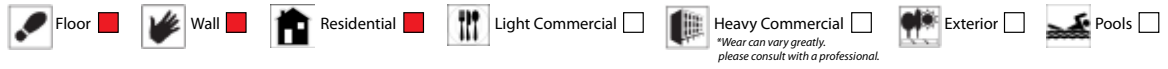
BELPISTLIS210



listello

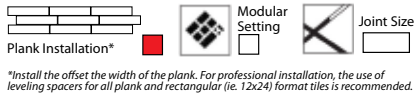
| 2 x 10 |

Suggested Applications

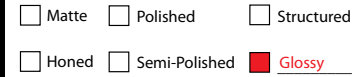


*Wear can vary greatly. please consult with a professional.

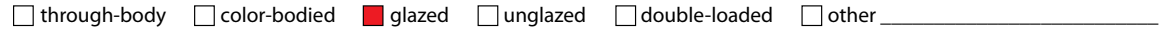
Installation Suggestions



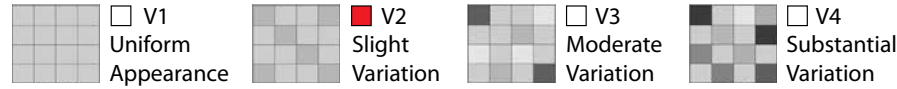
*Install the offset the width of the plank. For professional installation, the use of leveling spacers for all plank and rectangular (ie. 12x24) format tiles is recommended.



Porcelain Type



Shade Variation



Slip Resistance

DCOF	Values	Applications
	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 type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, included 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 ≤175mm²

MOH'S SCALE
UNI EN ISO
10545.6

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% +
<input type="checkbox"/> Impervious Interior/Exterior Frost Resistant	<input type="checkbox"/> Vitreous Interior/Exterior Frost Resistant	<input type="checkbox"/> Semi-Vitreous Indoor Use Only	<input checked="" type="checkbox"/> Non-Vitreous Indoor Use Only

Breaking Strength

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

ASTM C648
UNI EN ISO
10545.4

Facial Dimension

ASTM c499-09
UNI EN ISO
10545.02

	Standard	Tolerance	Result
flatness	±5mm	±.5%	<input type="checkbox"/>
thickness	±6mm	±.5%	<input type="checkbox"/>
straightness	±4.5mm	±.5%	<input type="checkbox"/>
squareness	±5.4mm	±.6%	<input type="checkbox"/>
sides L/W	±1.1mm ±4.5mm	±.5%	<input type="checkbox"/>

Chemical Resistance

ASTM C650
UNI EN ISO
10545.13

Allowances for:

	result
Acid	<input type="checkbox"/> GB
Bases	<input type="checkbox"/> GB
Chemicals	<input type="checkbox"/> GB

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	1 Point	Materials & Resources	1 Point	2 Points
Site selection		M&R CREDIT 2		
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		
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		
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	<input checked="" type="checkbox"/>	
IEQ CREDIT 3.1-7	<input checked="" type="checkbox"/>	Measurable exemplary environmental performance.		
Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.				
IEQ CREDIT 4.1	<input type="checkbox"/>			
Low Emitting Adhesives: Products less than 65 G/LVOC				
IEQ CREDIT 4.3	<input checked="" type="checkbox"/>			
Low Emitting Materials: Flooring systems.				

Type: Wall & Floor Tile

Product Line: Pietra Santa

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