

# Pietra Santa



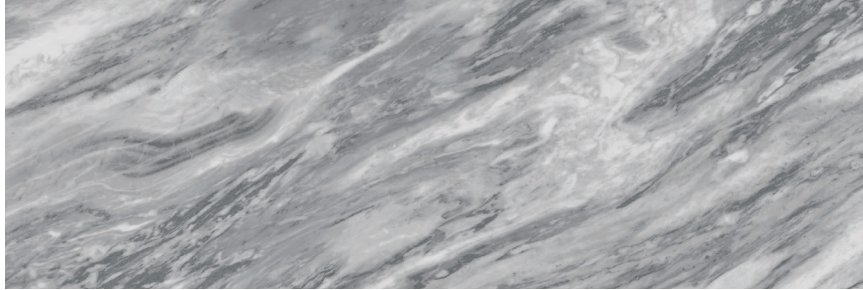
*Inspired By Nature,  
Made Possible By...*

**CANCOS**  
TILE & STONE

COORDINATING WALL & FLOOR TILE



BELPIBA1030



| 10 x 30 |

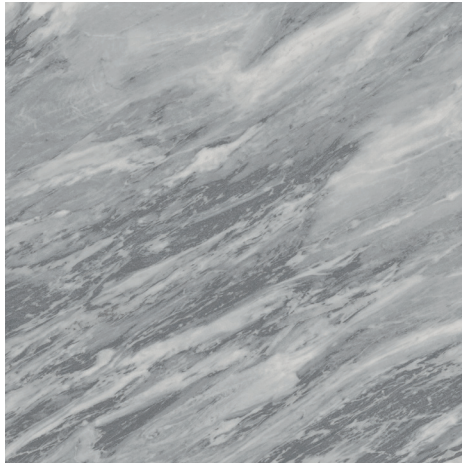
BELPIBA1030BEV



*beveled*

| 10 x 30 |

BELPIBA16



| 16 x 16 |

BELPIBABN210



*bullnose*

| 2 x 10 |

COORDINATING WALL & FLOOR TILE



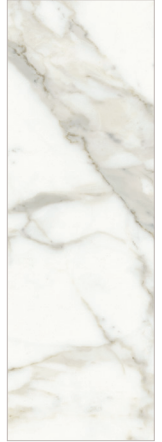
# Calacatta

BELPICA1030



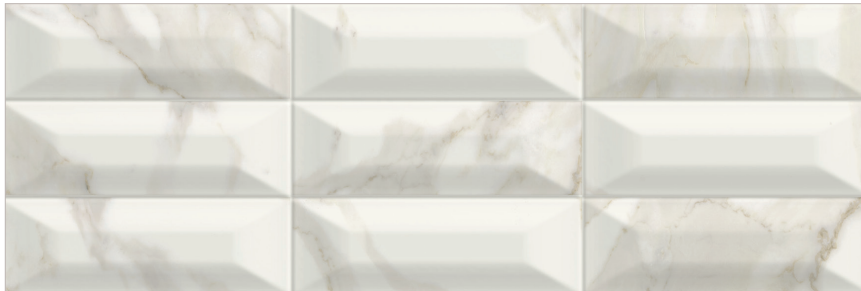
| 10 x 30 |

BELPICA515



| 5 x 15 |

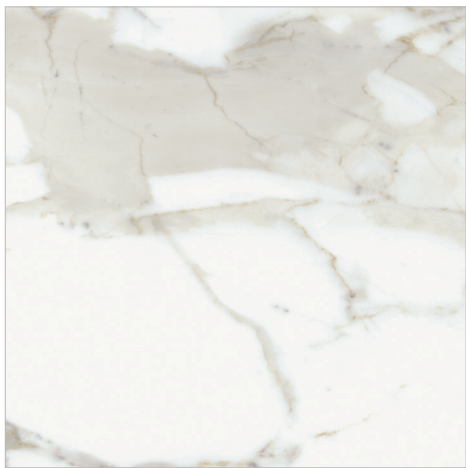
BELPICA1030BEV



*beveled*

| 10 x 30 |

BELPICA16



| 16 x 16 |

BELPICABN210



*bullnose*

| 2 x 10 |

COORDINATING WALL & FLOOR TILE



# Statuario

BELPIST1030



| 10 x 30 |

BELPIST515



| 5 x 15 |

BELPIST1030BEV



*beveled*

| 10 x 30 |

BELPIST16



| 16 x 16 |

BELPISTBN210



*bullnose*

| 2 x 10 |

## Suggested Applications

Floor  Wall  Residential  Light Commercial  Heavy Commercial  Exterior  Pools

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

## Installation Suggestions

Plank Installation\*  Modular Setting  Joint Size

\*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  Glossy

## 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:  # OF FACES:

## Slip Resistance

DCOF	Values	Applications
<input type="checkbox"/>	0.42	Recommended Standard DCOF value for wet/dry commercial flooring
<input checked="" 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 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 ≤175mm<sup>2</sup>

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

<input type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input checked="" type="checkbox"/> 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%	<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
Site selection	
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 checked="" type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/LVOC	<input type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input checked="" 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 checked="" type="checkbox"/>	

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.\*