

# Pietra Santa

coordinating wall & floor tile



**COBSA-USA**

NEW YORK | NEW JERSEY | MIAMI

COORDINATING WALL & FLOOR TILE

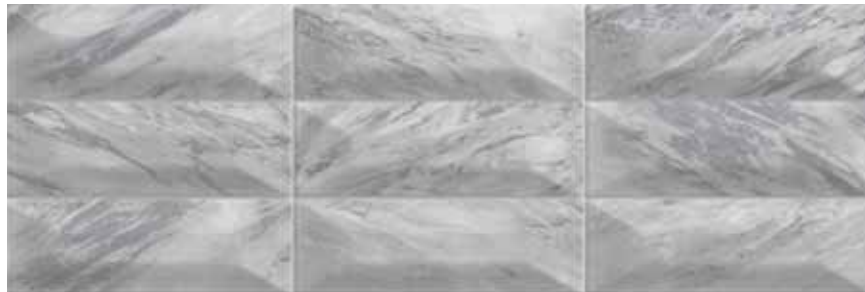


BELPIBA1030



| 10 x 30 |

BELPIBA1030BEV



*beveled*

| 10 x 30 |

BELPIBA16



| 16 x 16 |

BELPIBAMOS11



| 1 x 1 |

BELPIBABN210



*bullnose* | 2 x 10 |

BELPIBALIS210



*listel* | 2 x 10 |



COORDINATING WALL & FLOOR TILE



# Calacatta

BELPICA1030



| 10 x 30 |

BELPICA1030BEV



*beveled*

| 10 x 30 |

BELPICA16



| 16 x 16 |

BELPICAMOS11



| 1 x 1 |

BELPICABN210



*bullnose* | 2 x 10 |

BELPICALIS210



*listel* | 2 x 10 |

COORDINATING WALL & FLOOR TILE



BELPIST1030



| 10 x 30 |

BELPIST1030BEV



*beveled*

| 10 x 30 |

BELPIST16



| 16 x 16 |

BELPISTMOS11



| 1 x 1 |

BELPISTBN210



*bullnose* | 2 x 10 |

BELPISTLIS210



*listel* | 2 x 10 |

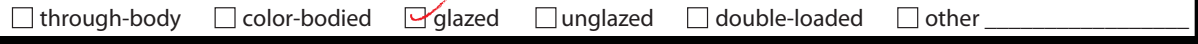
## Suggested Applications



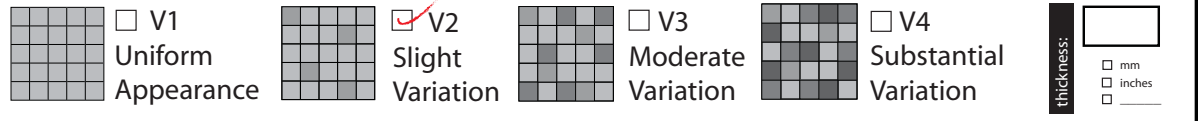
## Installation Suggestions



## Porcelain Type



## Shade Variation



## Slip Resistance

Coefficient of Friction				DIN 51130	DIN 51097	Class	Typical applications	Critical angle
accessible routes	standard*	result	standard*	<input type="checkbox"/> R9*	3-10°	<input type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
	<input type="text" value=".6"/>	<input type="text"/>	<input type="text" value=".6"/>	<input type="checkbox"/> R10	10-19°			
ramps	standard*	result	standard*	<input type="checkbox"/> R11	19-27°	<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
	<input type="text" value=".8"/>	<input type="text"/>	<input type="text" value=".8"/>	<input type="checkbox"/> R12	27-35°			
	standard*	result	standard*	<input type="checkbox"/> R13	>35°	<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°

Values: 0-0.50, 0.50-0.60, >0.60  
Tile Classification: Questionable, Conditionally Slip Resistant, Slip Resistant  
\*Industry Standard/ADA Requirements

ASTM C-1028  
DIN 51097/51130

## Scratch Resistance

Mineral	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

## Wear Resistance

PEI RATING UNI EN ISO 10545.7

- Class 1: Walls only
- Class 2: Resid. floors w/minimal abrasive traffic.
- Class 3: Resid. interiors normal use and foot traffic.
- Class 4: Light-medium commercial applications.
- Class 5: Commercial applications.

## Stain Resistance

- Removed after 5 minutes (hot water running)
- Removed by immersion (24 hrs in suitable solvent)
- Removed by mechanical cleaning (strong detergent)
- Removed by manual cleaning (weak detergent)
- Stain not removed

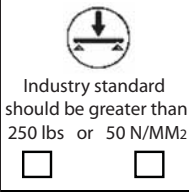
ASTM C1378-04  
UNI EN ISO 10545.14

## Water Absorption

ASTM C-373  
UNI EN ISO 10545.3

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

## Breaking Strength



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="text"/>
thickness	± 6mm	± .5%	<input type="text"/>
straightness	± 4.5mm	± .5%	<input type="text"/>
squareness	± 5.4mm	± .6%	<input type="text"/>
sides L/W	± 1.1mm / ± 4.5mm	± .5%	<input type="text"/>

## Chemical Resistance

ASTM C650  
UNI EN ISO 10545.13

Allowances for:

	result
acid	<input type="text" value="GB"/>
bases	<input type="text" value="GB"/>
chemicals	<input type="text" value="GB"/>

## Leed Information

REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	Allowances for:	Materials & Resources	1 Point	2 Points
<b>Site selection</b> SS CREDIT 1 <b>Heat Island Effect-non roof</b> Material with a solar reflectant index of at least 29.	<input type="checkbox"/>	<b>M&amp;R CREDIT 2</b> <b>Construction Waste Management:</b> Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <input type="checkbox"/>
<b>Energy &amp; Atmosphere</b> EA CREDIT 4 <b>Green Power:</b> Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<input type="checkbox"/>	<b>M&amp;R CREDIT 4.1-4.2</b> <b>Recycled Content:</b> 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"/>
<b>Indoor Environmental Quality</b> Low-Emitting Materials-Flooring Systems IEQ CREDIT 3.1-7 <b>Green Cleaning:</b> Reducing occupants exposure to hazardous cleaning chemicals.	<input checked="" type="checkbox"/>	<b>M&amp;R CREDIT 5</b> <b>Regional Materials:</b> Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
IEQ CREDIT 4.1 <b>Low Emitting Adhesives:</b> Products less than 65 G/L VOC	<input type="checkbox"/>	<b>Innovation in Design</b> ID CREDIT 1 <b>Innovation in Design</b> Measurable exemplary environmental performance.	<input checked="" type="checkbox"/>	
IEQ CREDIT 4.3 <b>Low Emitting Materials:</b> Flooring systems.	<input checked="" type="checkbox"/>			

Type: Coordinating Wall & Floor Tile  
Product Line: Pietra Santa

\*The marketing name for this product is property of CobsA-USA. This same product may be marketed under different names.\*