

MARMI ONICE ————— *large format porcelain tile*



CANCOS
TILE & STONE

Marmi BIANCO VENATO EXTRA



> 24"x24" <

Polished Finish
6mm thickness

44 faces

USAMAVX24L

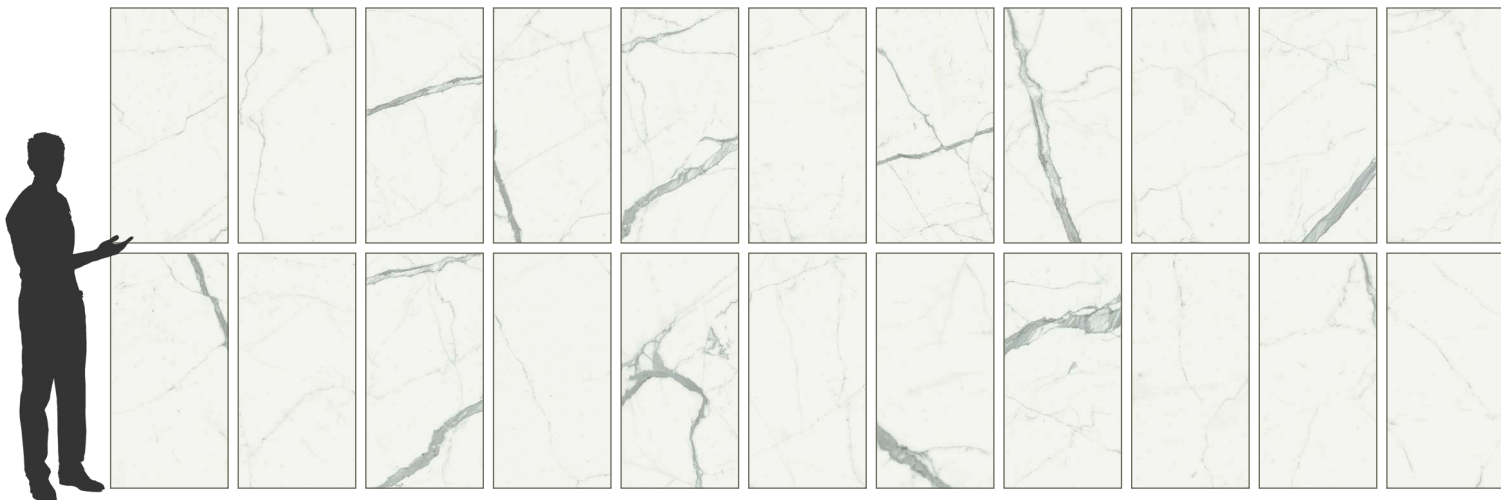


> 24"x48" <

Polished Finish
6mm thickness

22 faces

USAMAVX2448L



Faces are provided to show the variety; not intended for individual selection. Coordinating 60"x120" 6mm polished slabs are available; See our "Hard Rock Slabs 1/4" collection.

Marmi WHITE CALACATTA



> 24"x24" <

Polished Finish
6mm thickness

32 faces

USAMAWC24L



> 24"x48" <

Polished Finish
6mm thickness

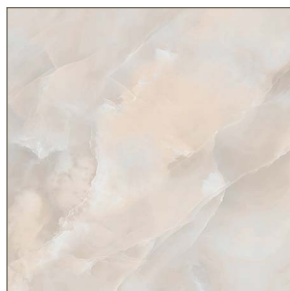
16 faces

USAMAWC2448L



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Onice ALABASTRINO



> 24"x24" <

Polished Finish
6mm thickness

32 faces

USAOIAL24L

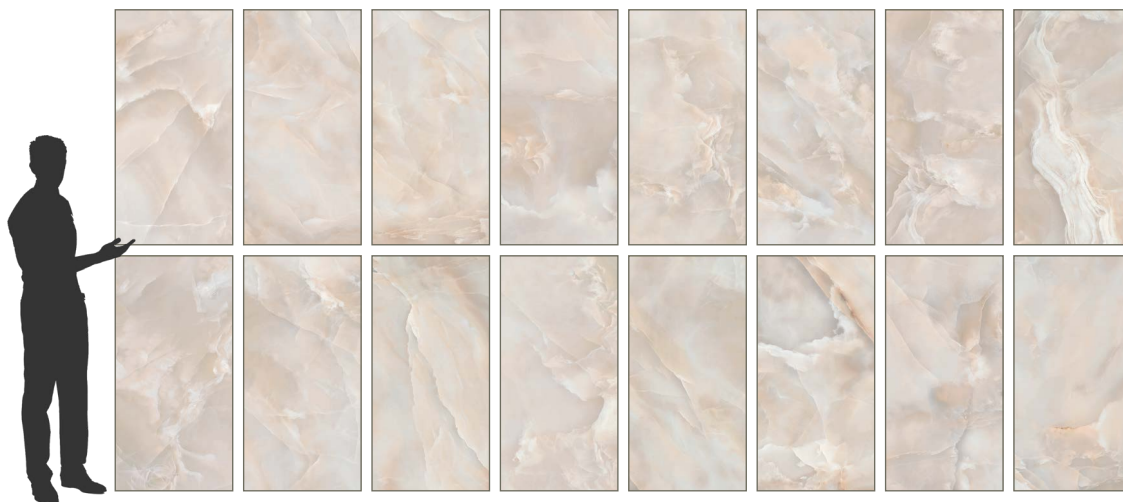


> 24"x48" <

Polished Finish
6mm thickness

16 faces

USAOIAL2448L



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Onice GHIACCIO



> 24"x24" <

Polished Finish
6mm thickness

32 faces

USAOIGH24L

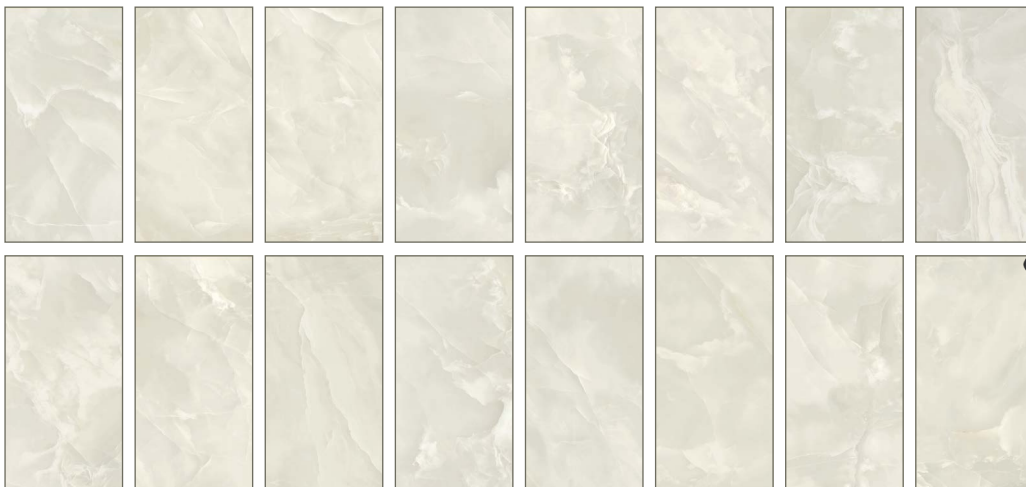


> 24"x48" <

Polished Finish
6mm thickness

16 faces

USAOIGH2448L



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Onice PERLA



> 24"x24" <

Polished Finish
6mm thickness

40 faces

USAOIPE24L



> 24"x48" <

Polished Finish
6mm thickness

20 faces

USAOIPE2448L



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Onice REALE



> 24"x24" <

Polished Finish
6mm thickness

32 faces

USAOIRE24L



> 24"x48" <

Polished Finish
6mm thickness

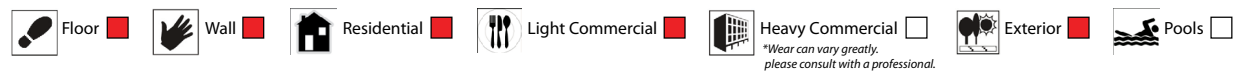
16 faces

USAOIRE2448L

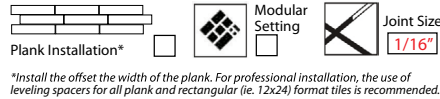


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Suggested Applications



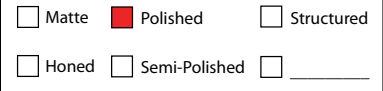
Installation Suggestions



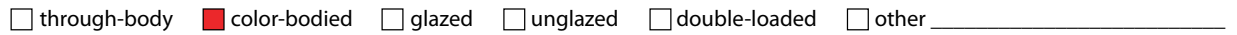
EDGE:



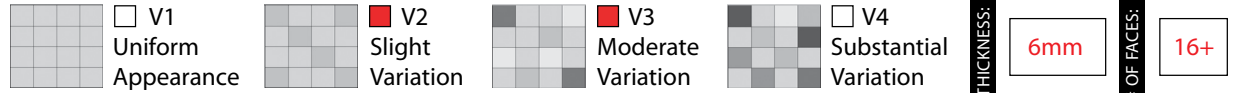
FINISH:



Porcelain Type



Shade Variation



Slip Resistance

DCOF	Values	Applications
>0.42	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°)	

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

DIN 51097

Class	Typical Applications	Critical Angle
☐ A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
☐ B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
☐ C	Areas constantly under water, e.g. steps into pools, foot baths, inclined pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

Scratch Resistance

MOH'S SCALE
UNI EN ISO
10545.6

7

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

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

ASTM C1378-04
UNI EN ISO
10545.14

1

- 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

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

ASTM C648
UNI EN ISO
10545.4

>400 lbs.



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

Facial Dimension

ASTM C499-09
UNI EN ISO
10545.02

	Standard	Tolerance	Result
flatness	± 5mm	± .5%	
thickness	± 6mm	± .5%	
straightness	± 4.5mm	± .5%	
squareness	± 5.4mm	± .6%	
sides L/W	± 1.1mm ± 4.5mm	± .5%	

Chemical Resistance

ASTM C650
UNI EN ISO
10545.13



Allowances for:	result
Acid	CLASS A
Bases	CLASS A
Chemicals	CLASS A

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.	☒
Energy & Atmosphere	1 Point
EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	☐
Indoor Environmental Quality Low-Emitting Materials-Flooring Systems	1 Point
IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	☐
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	☒
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	☒

Materials & Resources	1 Point	2 Points
M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% ☐	70% ☐
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% ☒	20% ☐
M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.	10% ☐	20% ☒
Innovation in Design	1-5 Points	
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	☐	

Type:
Large Format Porcelain

Product Line:
Marmi Onice

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