

Tuscany

porcelain stoneware



COBSA USA
NEW YORK | NEW JERSEY | MIAMI



Vein Cut Beige

ELETVBE1224
ELETVBE1224L



M+P | 12x24 |

ELETVBE2448
ELETVBE2448L



M+P | 24x48 |

ELETVBE312L



P | 3x12 |

ELETVBEBN324
ELETVBEBN324L



M+P | 3x24 bullnose |

ELETVBEMOS22



M | 2x2 mosaic |

ELETVBEWEAVEL



P | basketweave |



Cross Cut Beige

ELETCBE1224
ELETCBE1224L



M+P | 12x24 |

ELETCBE2448
ELETCBE2448L



M+P | 24x48 |

ELETCBE312L



P | 3x12 |

ELETCBEBN324
ELETCBEBN324L



M+P | 3x24 bullnose |

ELETCBEMOS22



M | 2x2 mosaic |

ELETCBEWEAVEL



P | basketweave |



Vein Cut Ivory

ELETVIV1224
ELETVBE1224L



M+P | 12x24 |

ELETVIV2448
ELETVIV2448L



M+P | 24x48 |

ELETVIV312L



P | 3x12 |

ELETVIVBN324
ELETVIVBN324L



M+P | 3x24 bullnose |

ELETVIVMOS22



M | 2x2 mosaic |

ELETVIVWEAVEL



P | basketweave |



Cross Cut Ivory

ELETCIV1224
ELETCBE1224L



M+P | 12x24 |

ELETCIV2448
ELETCIV2448L



M+P | 24x48 |

ELETCIV312L



P | 3x12 |

ELETCIVBN324
ELETCIVBN324L



M+P | 3x24 bullnose |

ELETCIVMOS22



M | 2x2 mosaic |

ELETCIVWEAVEL



P | basketweave |



Vein Cut White

ELETVWH1224
ELETVWH1224L



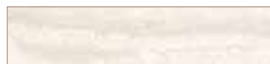
M+P | 12x24 |

ELETVWH2448
ELETVWH2448L



M+P | 24x48 |

ELETVWH312L



P | 3x12 |

ELETVWHBN324
ELETVWHBN324L



M+P | 3x24 bullnose |

ELETVWHMOS22



M | 2x2 mosaic |

ELETVWHWEAVEL



P | basketweave |



Cross Cut White

ELETCWH1224
ELETCWH1224L



M+P | 12x24 |

ELETCWH2448
ELETCWH2448L



M+P | 24x48 |

ELETCWH312L



P | 3x12 |

ELETCWHBN324
ELETWHBN324L



M+P | 3x24 bullnose |

ELETCWHMOS22



M | 2x2 mosaic |

ELETCWHWEAVEL



P | basketweave |



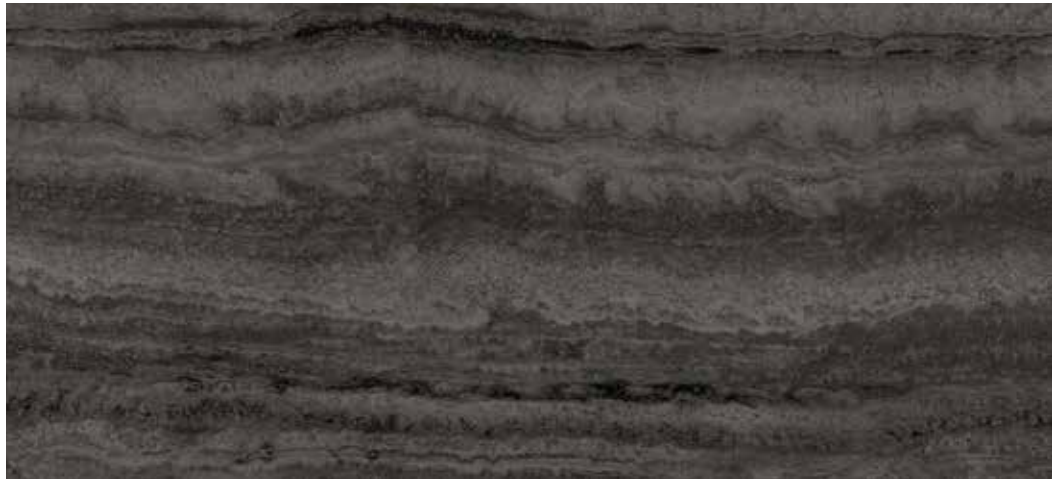
Vein Cut Dark

ELETVDA1224
ELETVDA1224L



M+P | 12x24 |

ELETVDA2448
ELETVDA2448L



M+P | 24x48 |

ELETVDA312L



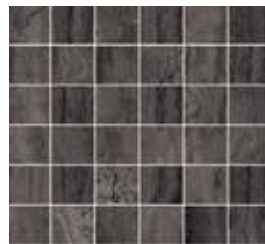
P | 3x12 |

ELETVDABN324
ELETVDABN324L



M+P | 3x24 bullnose |

ELETVDAMOS22



M | 2x2 mosaic |



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 **2mm**

*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

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: 10mm **# OF FACES:** 40: 24x48, 110: 12x24, 200: 3x12

Slip Resistance

DCOF	Values	Applications	DIN 51097	Critical Angle	
0.49	0.42	Recommended Standard DCOF value for wet/dry commercial flooring	<input checked="" type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
	0.65	Recommended Standard DCOF value for ADA ramps	<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, inclined pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

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

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°)

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

3-5

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

>45 n/mm²


 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%	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

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

Type: **Porcelain Stoneware (Matte Finish)**

Product Line: **TUSCANY Vein Cut + Cross Cut**

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

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 2mm

*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

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: 10mm # OF FACES: 40: 24x48, 110: 12x24, 200: 3x12

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 ≤175mm²

MOH'S SCALE
 UNI EN ISO 10545.6

5

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

3,4

- 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% +

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

Breaking Strength

ASTM C648
 UNI EN ISO 10545.4

>45 n/mm²

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

Type: Porcelain Stoneware (Polished Finish)

Product Line: TUSCANY Vein Cut + Cross Cut

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



COBSA USA

NEW YORK | NEW JERSEY | MIAMI