

Tuscany VEINCUT ——— *porcelain stoneware*



CANCOS
TILE & STONE



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 |



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 |



WHITE

ELETVWH1224
ELETVWH1224L



M+P | 12x24 |

ELETVWH2448
ELETVWH2448L



M+P | 24x48 |

ELETVWH312L



P | 3x12 |

ELETVWHMOS22



M | 2x2 mosaic |

ELETVWHWEAVEL



P | basketweave |

ELETVWHBN324
ELETVWHBN324L



M+P | 3x24 bullnose |



DARK

ELETVDA1224
ELETVDA1224L



M+P | 12x24 |

ELETVDA2448
ELETVDA2448L



M+P | 24x48 |

ELETVDA312L



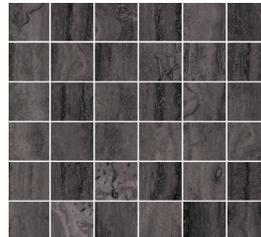
P | 3x12 |

ELETVDABN324
ELETVDABN324L



M+P | 3x24 bullnose |

ELETVDAMOS22



M | 2x2 mosaic |

Suggested Applications



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
0.49	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 checked="" 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, inclined pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

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

Scratch Resistance

MOH'S SCALE
 UNI EN ISO 10545.6

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 **3-5**

- 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 **>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	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"/>	
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"/>	
Indoor Environmental Quality		
Low-Emitting Materials-Flooring Systems		
IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	<input type="checkbox"/>	
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.	50% <input type="checkbox"/>	70% <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"/>
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: **Porcelain Stoneware (Matte Finish)**

Product Line: **TUSCANY Vein Cut**

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

Suggested Applications

Floor Wall Residential Light Commercial Heavy Commercial Exterior Pools

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Installation Suggestions

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ASTM C1378-04 UNI EN ISO 10545.14 **3,4**

Water Absorption

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

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 Chemicals PASS

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Heat Island Effect-non roof	<input checked="" 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 checked="" 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 checked="" 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		Measurable exemplary environmental performance.		
Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	<input type="checkbox"/>			
IEQ CREDIT 4.1				
Low Emitting Adhesives: Products less than 65 G/L VOC	<input type="checkbox"/>			
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