

Auburn

indoor/outdoor porcelain tile





EBUR

indoor

DOMAUEB24



| 24x24 |

DOMAUEB1224



| 12x24 |

DOMAUEB12



| 12x12 |

DOMAUEBMOS22



| 2x2 mosaic |

DOMAUEBMOS21



| 2x1 ebur/nux mix mosaic |

DOMAUEBBN224



| 2x24 bullnose |

EBUR

indoor / outdoor



DOMAUEB1020GRIP



| 10x20 |

DOMAUEB20GRIP



| 20x20 |

DOMAUEB10GRIP



| 10x10 |

NUX

indoor



DOMAUNU24



| 24x24 |

DOMAUNU1224



| 12x24 |

DOMAUNU12



| 12x12 |

DOMAUNUMOS22



| 2x2 mosaic |

DOMAUNUMOS21



| 2x1 ebur/nux mix mosaic |

DOMAUNUBN224



| 2x24 bullnose |

NUX

indoor / outdoor



DOMAUNU1020GRIP



| 10x20 |

DOMAUNU20GRIP



| 20x20 |

DOMAUNU10GRIP



| 10x10 |

ARTIS WALL

indoor / outdoor



DOMAUAR510STR



| 5x10 structured wall |

ARTIS

indoor / outdoor



DOMAUAR1020GRIP



| 10x20 |

DOMAUAR20GRIP



| 20x20 |

DOMAUAR10GRIP



| 10x10 |



CANDOR

indoor

DOMAUC24



| 24x24 |

DOMAUC1224



| 12x24 |

DOMAUC12



| 12x12 |

DOMAUCAMOS22



| 2x2 mosaic |

DOMAUCAMOS21



| 2x1 mosaic |

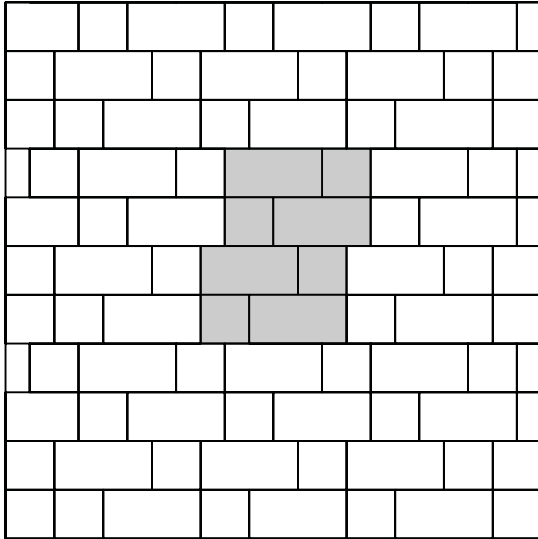
DOMAUCABN224



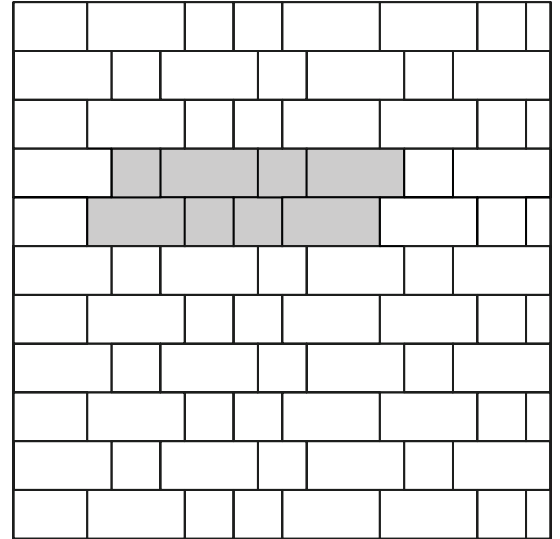
| 2x24 bullnose |

Auburn

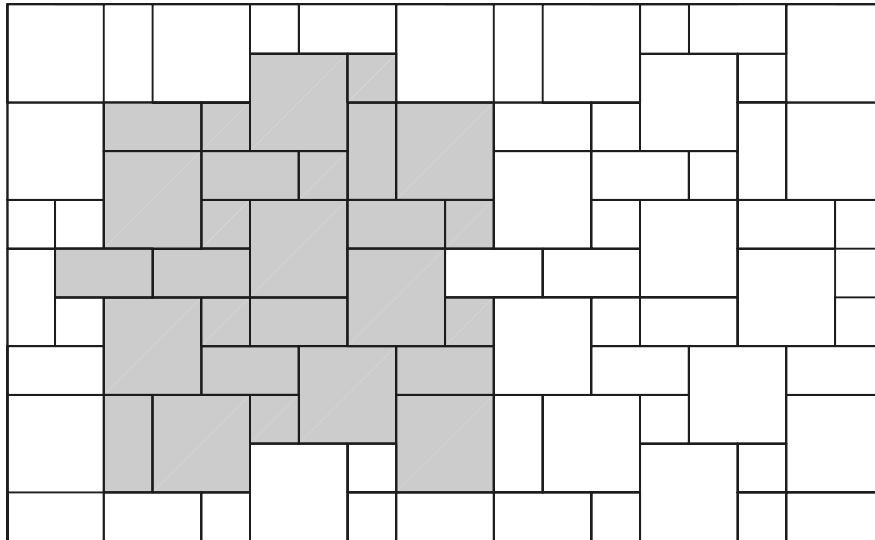
MODULAR LAYOUT



SIZES	% SQFT.
25x50 . 10"x20"	66,7 %
25x25 . 10"x10"	33,3 %
30x60 . 12"x24"	66,7 %
30x30 . 12"x12"	33,3 %



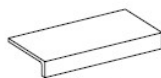
SIZES	% SQFT.
25x50 . 10"x20"	66,7 %
25x25 . 10"x10"	33,3 %
30x60 . 12"x24"	66,7 %
30x30 . 12"x12"	33,3 %



SIZES	% SQFT.
50x50 . 20"x20"	56,3 %
25x50 . 10"x20"	31,3 %
25x25 . 10"x10"	12,5 %
60x60 . 24"x24"	56,3 %
30x60 . 12"x24"	31,3 %
30x30 . 12"x12"	12,5 %

SPECIALTY POOL TRIMS

*available as special order from Italy
*minimum quantities may apply



MITERED STEP COPING
15x30x4 cm 6"x12"x1.6"



CURVED STEP COPING
25x50 cm 10"x20"



POOL DRAIN COVER
25x50 cm 10"x20"

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.

Straight/Pressed Rustic Rectified

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: 9mm # OF FACES:

	12"	12x24	24"
CANDOR	64	32	16
EBUR	64	32	16
NUX	64	32	16

Slip Resistance

DCOF **>.42**

Values	Applications
0.42	Recommended Standard DCOF value for wet/dry commercial flooring
0.65	Recommended Standard DCOF value for ADA ramps

DIN 51097

Class	Typical Applications	Critical Angle
<input checked="" type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
<input checked="" 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

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. Fluorite (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

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

<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> 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

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

ASTM C648 UNI EN ISO 10545.4 **≥35 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:

Acid	result PASS
Bases	result PASS
Chemicals	result PASS

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 checked="" 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
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/L VOC	<input type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input checked="" type="checkbox"/>

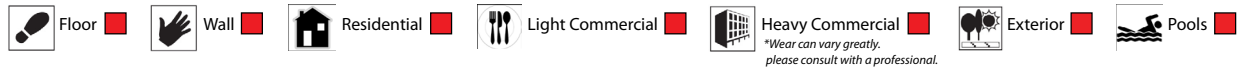
Materials & Resources	1 Point	2 Points
M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <input type="checkbox"/>
M&R CREDIT 4.1-4.2 Recycled Content: The sum of post consumer plus 1/2 of the pre consumer reps at least 10-20% of total value of materials.	10% <input type="checkbox"/>	20% <input 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 type="checkbox"/>	

Type: **Porcelain Stoneware**

Product Line: **Auburn (indoor)**

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

Suggested Applications



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 GRIP

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: 6

	10"	10x20	20"
ARTIS	64	32	16
EBUR	64	32	16
NUX	64	32	16

Slip Resistance

DCOF	Values	Applications
<input checked="" type="checkbox"/> >.62	0.42	Recommended Standard DCOF value for wet/dry commercial flooring
<input type="checkbox"/> >.62	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

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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

Wear Resistance

- 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.

MOH'S SCALE
UNI EN ISO
10545.6

PEI RATING
UNI EN ISO
10545.7

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

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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

ASTM C-373
UNI EN ISO
10545.3

Breaking Strength

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
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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		M&R CREDIT 2		
SS CREDIT 1		Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <input type="checkbox"/>
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 type="checkbox"/>	Innovation in Design	1-5 Points	
Indoor Environmental Quality	1 Point	ID CREDIT 1		
Low-Emitting Materials-Flooring Systems		Innovation in Design		
IEQ CREDIT 3.1-7		Measurable exemplary environmental performance.	<input type="checkbox"/>	
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/L VOC	<input type="checkbox"/>			
IEQ CREDIT 4.3				
Low Emitting Materials: Flooring systems.	<input checked="" type="checkbox"/>			

Type: Porcelain Stoneware

Product Line: Auburn (outdoor/indoor)

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