

Platinum



*Inspired By Nature,
Made Possible By...*

CANCOS
TILE AND STONE

PORCELAIN STONEWARE



Charcoal

ELE PLCH 1224



| 12 x 24 |

ELE PLCH 24



| 24 x 24 |

ELE PLCH BN224



bullnose | 2 x 24 |

ELE PLAT SPHERA



| 6 x 24 |

ELE PLCH MOS3D



| 5 x 10 |

ELE PLCH 2040



| 20 x 40 |

ELE PLCH 1040



| 10 x 40 |

PORCELAIN STONEWARE



ELE PLFO 1224



| 12 x 24 |

ELE PLFO 24



| 24 x 24 |

ELE PLFO BN224



bullnose | 2 x 24 |

ELE PLAT SPHERA



| 6 x 24 |

ELE PLFO MOS3D



| 5 x 10 |

ELE PLFO 2040



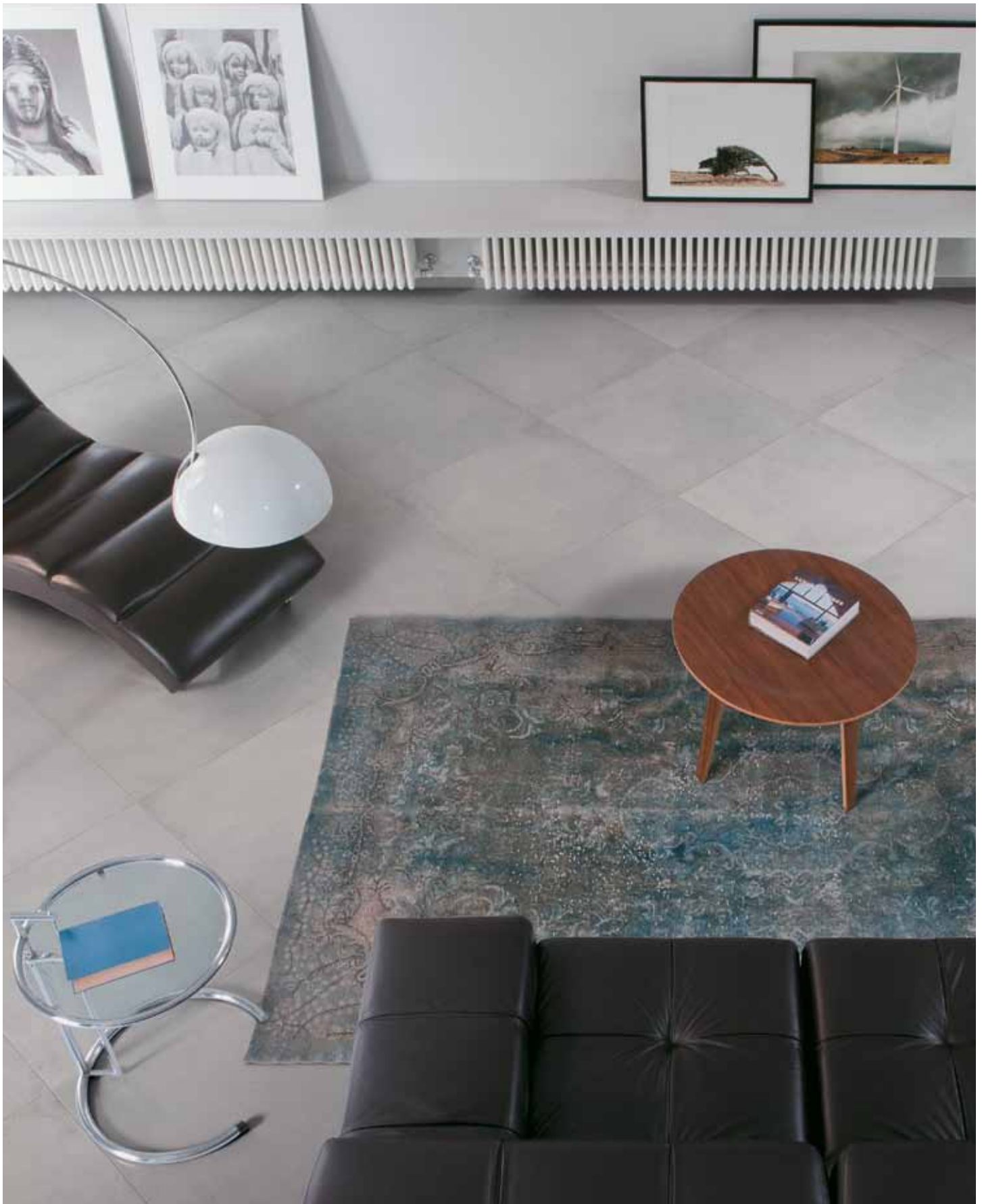
| 20 x 40 |

ELE PLFO 1040



| 10 x 40 |

PORCELAIN STONEWARE



ELE PLGR 1224



| 12 x 24 |

ELE PLGR 24



| 24 x 24 |

ELE PLGR BN224



bullnose

| 2 x 24 |

ELE PLAT SPHERA



| 6 x 24 |

ELE PLGR MOS3D



| 5 x 10 |

ELE PLGR 2040



| 20 x 40 |

ELE PLGR 1040



| 10 x 40 |

PORCELAIN STONEWARE



ELE PLTA 1224



| 12 x 24 |

ELE PLTA 24



| 24 x 24 |

ELE PLTA BN224



bullnose

| 2 x 24 |

ELE PLAT SPHERA



| 6 x 24 |

ELE PLTA MOS3D



| 5 x 10 |

ELE PLTA 2040



| 20 x 40 |

ELE PLTA 1040



| 10 x 40 |

PORCELAIN STONEWARE



ELE PLWH 1224



| 12 x 24 |

ELE PLWH 24



| 24 x 24 |

ELE PLWH BN224



bullnose

| 2 x 24 |

ELE PLAT SPHERA



| 6 x 24 |

ELE PLWH MOS3D



| 5 x 10 |

ELE PLWH 2040



| 20 x 40 |

ELE PLWH 1040



| 10 x 40 |

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

Suggested Applications

floor wall residential light commercial heavy commercial exterior pools

*except white

Installation Suggestions

joint size modular setting plank installation edge: straight rustic rectified finish: matte polished structured honed semi-polished other

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: **11mm** # of faces: **12-22**

Slip Resistance

COF *WET* standard* result *DRY* standard* result
 accessible routes .6 .74 .6 **83**
 ramps .8 .8

*Industry Standard/ADA Requirements

DCOF DIN 51130 R9* 3-10° R10 10-19° R11 19-27° R12 27-35° R13 >35°

Values	Tile Classification
0 - 0.50	Questionable
0.50 - 0.60	Conditionally Slip Resistant
> 0.60	Slip Resistant

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, included pool surrounds, jacuzzis (plus all Class A&B areas) ≥24°

ASTM C-1028
 DIN 51097/51130

Scratch Resistance

MOH'S SCALE **>175**
 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. 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: 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

ASTM C1378-04
 UNI EN ISO 10545.14 **5**

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

Water Absorption

ASTM C-373
 UNI EN ISO 10545.3 **>0.5**

<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> 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 **>35**

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

Chemical Resistance

ASTM C650
 UNI EN ISO 10545.13

Allowances for:

acid	result UA
bases	ULA
chemicals	UHC

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 type="checkbox"/>	M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <input type="checkbox"/>
Energy & Atmosphere EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<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"/>
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"/>	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.	<input type="checkbox"/>	
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input type="checkbox"/>			

Type: **Porcelain Stoneware**
 Product Line: **Platinum**

* **WEAR RESISTANCE:** Differs according to surface color | Class 4: Forest, Charcoal | Class 5: Grey, Taupe, White