Platinum
porcelain stoneware

ELE PLCH 1224

| 12 x 24 |

ELE PLCH BN224

bullnose | 2 x 24 |

ELE PLAT SPHERA

| 6 x 24 |

ELE PLCH 24

| 24 x 24 |

ELE PLCH MOS3D

| 5 x 10 |

ELE PLCH 2040

| 20 x 40 |

ELE PLCH 1040

| 10 x 40 |

ELE PLFO 1224

| 12 x 24 |

ELE PLFO BN224

bullnose | 2 x 24 |

ELE PLAT SPHERA

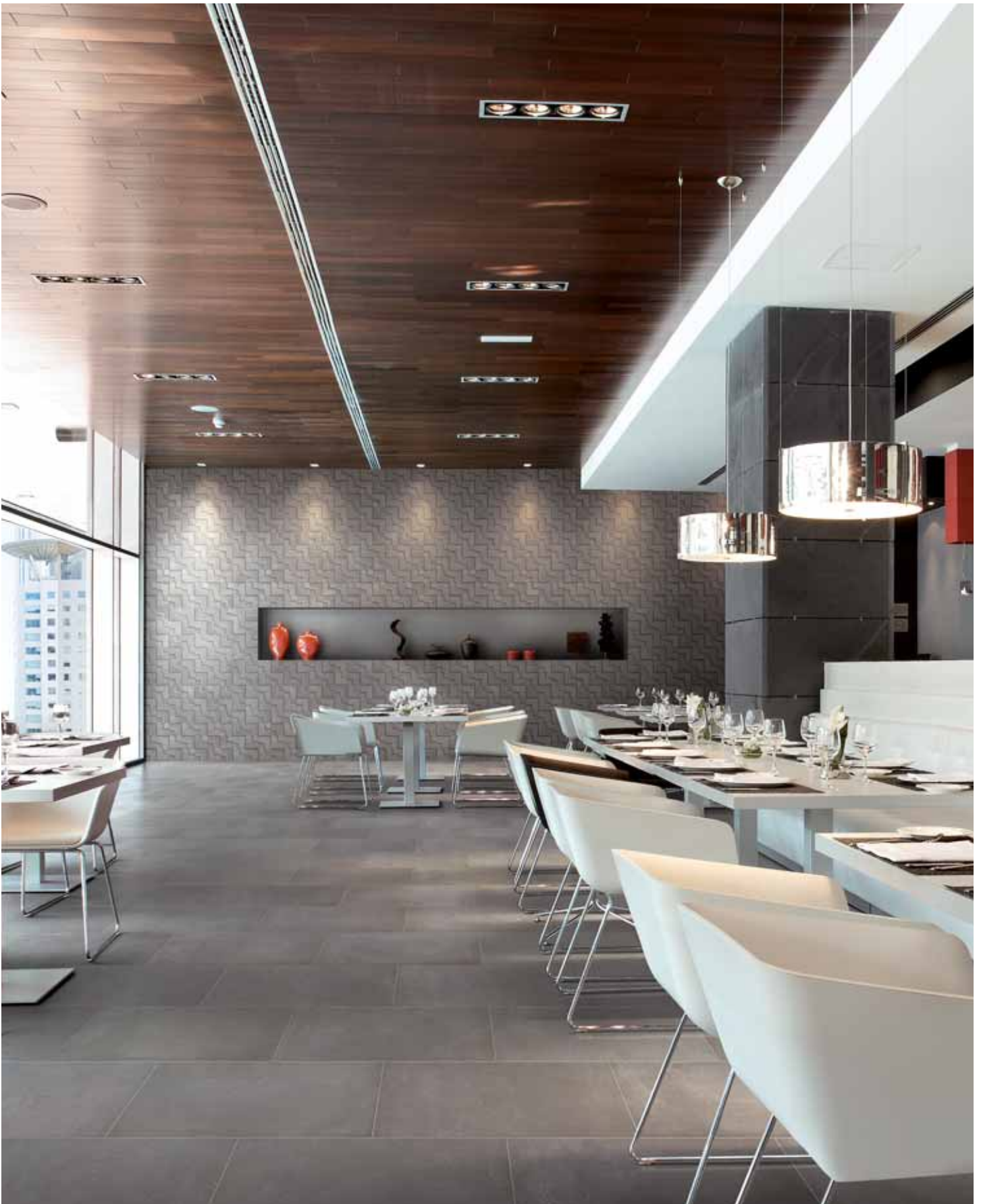| 6 x 24 |

ELE PLFO 2040

| 20 x 40 |

ELE PLFO 24

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Suggested Applications

☑ floor ☑ wall ☑ residential ☑ light commercial ☑ heavy commercial ☑ exterior ☐ pools

Installation Suggestions

☑ joint size ☑ modular setting ☐ plank installation

edge: ☐ straight ☐ rustic ☑ rectified

finish: ☑ matte ☐ honed ☐ polished ☐ semi-polished ☐ structured ☐ 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: 11 ☑ mm ☐ inches ☐ ____

Slip Resistance

ASTM C-1028
DIN 51097/51130

Coefficient of Friction — DCOF = .62

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

Values
0 - 0.50 — Questionable
0.50 - 0.60 — Conditionally Slip Resistant
>0.60 — Slip Resistant

Tile Classification

DIN 51130

☑	R9*	3-10°
☐	R10	10-19°
☐	R11	19-27°
☐	R12	27-35°
☐	R13	>35°

*Industry Standard/ADA Requirements

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

Scratch Resistance

MOH'S SCALE

UNI EN ISO 10545.6 — >175

Mineral
1. Talc (Talc)
2. Gypsum (Fingernail)
3. Calcite (Penny)
4. Flourite (Some Marbles)
5. Apatite (Knife Blade)

Mineral
6. Microline (Glass, Glazed Tile)
7. Quartz (Unglazed Porcelain)
8. Topaz (Granite)
9. Corundum (Ruby)
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

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 — >.5

☑ Absorbs 0-.5% **Impervious** Interior/exterior Frost Resistant
☐ Absorbs .5-3% **Vitreous** Interior/exterior Frost Resistant
☐ Absorbs 3-7% **Semi-Vitreous** Indoor use only
☐ Absorbs 7% + **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%	
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	UA
bases	ULA
chemicals	UHC

Leed Information

REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites
Site selection — **1 Point**

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. ☐

Allowances for:

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: Porcelain Stoneware

Product Line: Platinum

✱ **WEAR RESISTANCE:** Differs according to color surface. *Class 2*: Charcoal | *Class 3*: Forest | *Class 5*: Grey. Taupe, White