

Luca

porcelain tile + slabs



COBSA USA

NEW YORK | NEW JERSEY | MIAMI



Luca
GREY





GREY

24"x48" TILES

10MM THICKNESS | 22 FACES*



satin: ELELUGR2448 *polished:* ELELUGR2448L

ELELUGR48



4x8 SATIN

ELELUGR312



3x12 SATIN

ELELUGRBN324



3x24 bullnose SATIN

ELELUGRTOR



torello SATIN

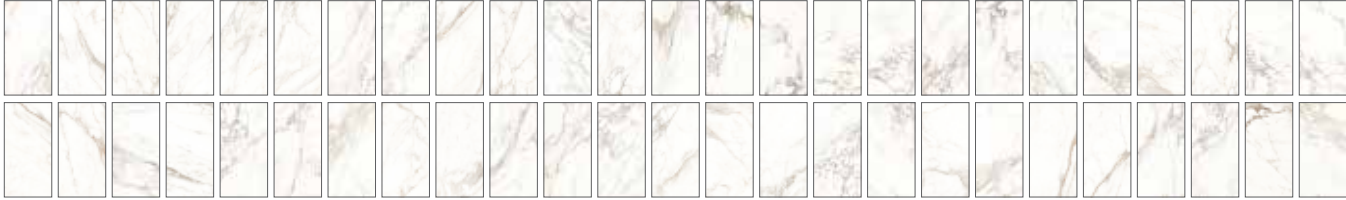
ELELUGRPEN



pencil SATIN

12"x24" TILES

10MM THICKNESS | 50 FACES*



satin: ELELUGR1224

**faces shown for visual variety, not intended for individual selection.*

Luca
ORO





24"x48" TILES

10MM THICKNESS | 22 FACES*



satins: ELELUOR2448 *polished:* ELELUOR2448L

ELELUOR48



4x8 SATIN

ELELUOR312



3x12 SATIN

ELELUORBN324



3x24 bullnose SATIN

ELELUORTOR



torello SATIN

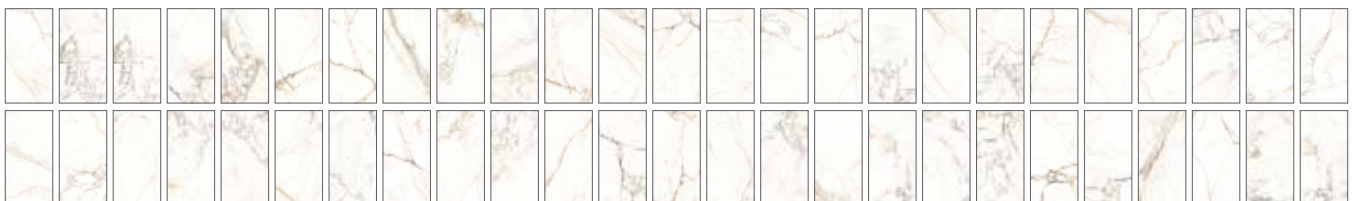
ELELUORPEN



pencil SATIN

12"x24" TILES

10MM THICKNESS | 50 FACES*



satins: ELELUOR1224

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Luca GREY



48"x110" SLABS

1/4" THICKNESS | 5 FACES*

*polished: HRVLUGR1/4L
matte: HRVLUGR1/4*



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Luca ORO



48"x110" SLABS

1/4" THICKNESS | 5 FACES*

polished: HRVLUOR1/4L
matte: HRVLUOR1/4



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Luca GREY



ELEUGRMOS22



2x2 mosaic
SATIN

ELEUGRHEX



hexagon
SATIN

ELEUGRHEXCOPPL



copper hex
POLISHED

ELEUGRWEAVE



basketweave
SATIN

ELEUGRHER



herringbone
SATIN



Luca ORO



ELELUORMOS22



2x2 mosaic
SATIN

ELELUORHEX



hexagon
SATIN

ELELUORHEXGOLDL



gold hex
POLISHED

ELELUORWEAVE



basketweave
SATIN

ELELUORHER



herringbone
SATIN



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 **3mm**

*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 satin

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: **12x24=50**
24x48=22

Slip Resistance

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

DCOF	Values	Applications
.44	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 Exterior
 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°

Scratch Resistance

MOH'S SCALE
 UNI EN ISO 10545.6 **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 **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

<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 **40 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	A
Bases	A
Chemicals	A

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 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 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 type="checkbox"/>	
IEQ CREDIT 3.1-7		Measurable exemplary environmental performance.		
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: **LUCA (satin)**

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

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

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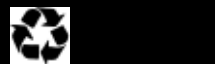
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Energy & Atmosphere	1 Point
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Indoor Environmental Quality Low-Emitting Materials-Flooring Systems	1 Point
IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.	<input checked="" type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	<input type="checkbox"/>
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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 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"/>
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ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input type="checkbox"/>	

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ELELUGR2448LD
ELELUOR2448LD



24x48 trilusso deco
POLISHED

COBSA USA



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