



ELELIEX1224 ELELIEX1224L



M+P



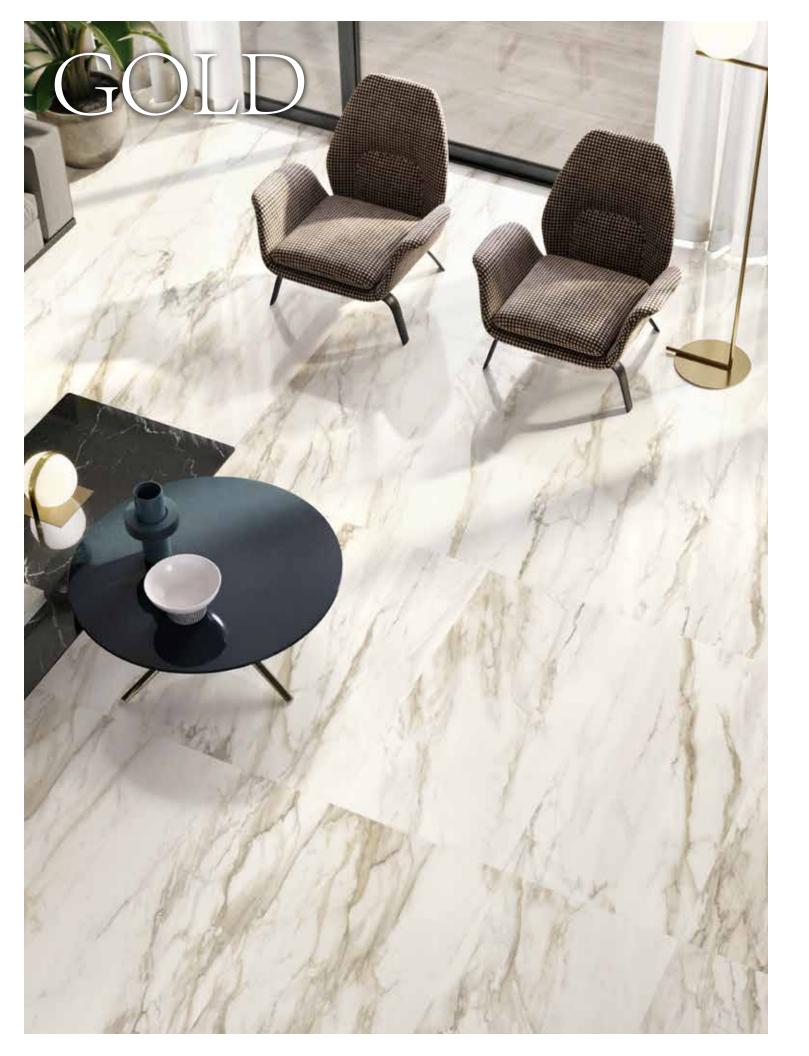
ELELIEX312L ELELIEXHEX4L 3x12 4x4 hex Р

ELELIEXMOS22





Р ELELIEXBN324 ELELIEXBN324L M+P 3x24 bullnose





ELELIGO1224 ELELIGO1224L



M+P



Р



ELELIGO312L 3x12 Р ELELIGOBN324 Eleligobn324L 3x24 bullnose M+P



ELELIGOMOS22



ELELIGOWEAVEL

24x48



basketweave





ELELISI1224 ELELISI1224L



M+P



ELELISIMOS22 ELELISI312L ELELISIHEX4L 3x12 Р ELELISIBN324 ELELISIBN324L

24x48



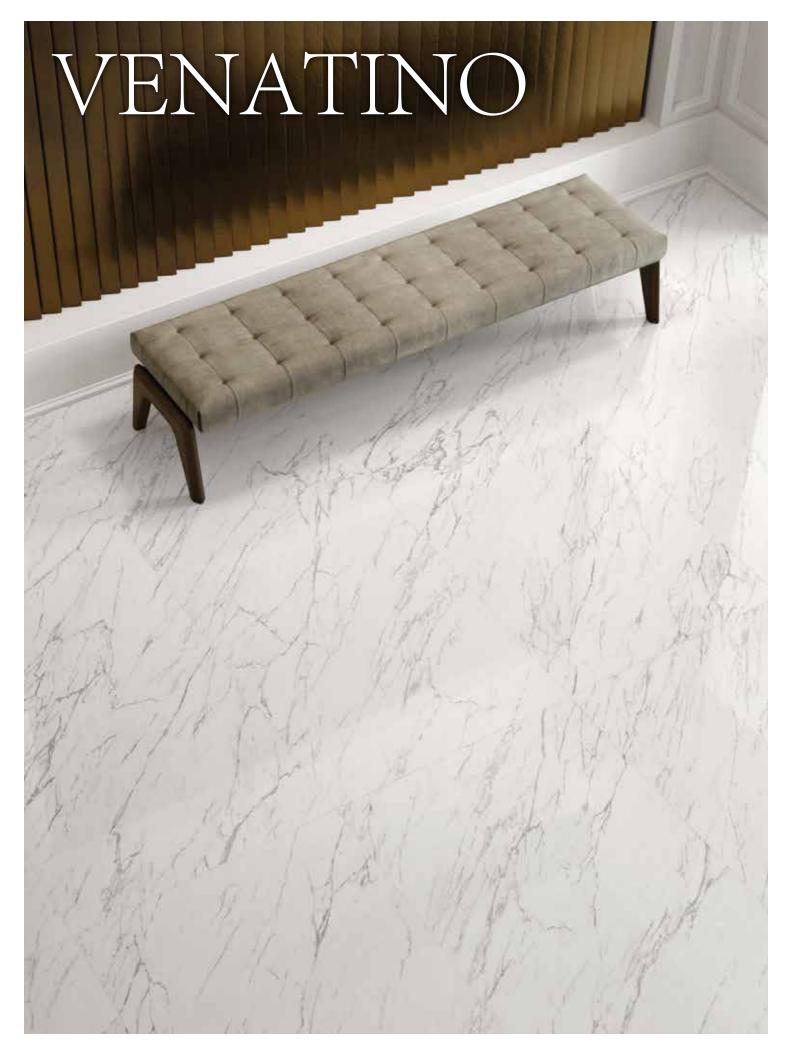
M+P

3x24 bullnose

Р









ELELIVE1224 ELELIVE1224L



M+P

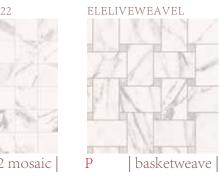
M+P



ELELIVEHEX4L



24x48



ELELIVEBN324 ELELIVEBN324L

3x24 bullnose

ELELIVE312L

Р

3x12

Р

4x4 hex

Suggested Applications	Floor 📕 💓 Wall 📕 🏫 Reside	ential 📕 👖 L	*Wear can	vary greatly.	Exterior	Pools			
Installation Suggestions	Plank Installation* Modular Plank Installation* Modular "Install the offset the width of the plank. For professional installation, the u leveling spacers for all plank and rectangular (ie. 12:224) format tiles is recon	loint Size 2mm se of mmended.	nt/Pressed Rustic Rectified	Sult with a professional.	Polished	Structured			
Porcelain Type	🗌 through-body 📕 color-bodied 📕 glazed 🗌 unglazed 🗌 double-loaded 🗌 other								
Shade Variation	Uniform	V2 light /ariation	V3 Moderate Variation	U4 Substantial Variation	10mm	33 40: 24x48 110:12x24 200: 3x12			
Slip Resistance ASTM C-1028 ANSI A137.1 DIN 51097/51130	DCOF Values Applications 0.44 0.42 Recommended Standard ifor wet/dry commercial flor 60.65 Recommended Standard ifor Notice 0.65 Requirements ifor Notice Repairements **R11: Recommended Standard ifor Notice Requirements **R11: Recommended Standard ifor Notice Repairements **R11: Recommended Standard ifor Notice Repairements	DOOF value	DIN 51097 Class Typical Applications A Barefoot, but mainly dry a B Shower rooms, pool surro disinfectant spray areas (p C Areas constantly under wa inclinded pool surrounds,	ounds, wet changing lus all Class A areas) ater, e.g. steps into p	g areas, ;) pools, foot baths,	Critical Angleis $\geq 12^{\circ}$ $\geq 18^{\circ}$ $\geq 24^{\circ}$			
Scratch Resistance MOH'S SCALE UNI EN ISO 10545.6	MINERAL Class 1: Walls only 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) 1. Diamond (Diamond) 10. Diamond (Diamond) Industry standard ≤175mm ² Vear								
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 								
Breaking Strength ASTM C648 UNI EN ISO 10545.4	Industry standard should be greater than 250 lbs or 50 N/MM2	straightne	ss ±4.5mm ± .5% PASS	Chemica Resistan ASTM C650 UNI EN ISO 10545.13	al ice	Ilowances for: result Acid PASS Bases PASS emicals PASS			
Leed Information	Sustainable Sites <u>Site selection</u> SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29. <u>Energy & Atmosphere</u> EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	1 Point 1 Point	Materials & Resources M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials. 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.	50% 🗌	2 Points 70%	Type: Porcelain Stoneware (Matte Finish) tis property of CobsA-USA. Lunder different names.*			
INTERIORS/NEW CONSTRUCTION	Indoor Environmental Quality Low-Emitting Materials-Flooring Systems 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	1 Point	M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site. Innovation in Design ID CREDIT 1 Innovation in Design	1.	20% 5 Points	Product Line: LIVORNO Porcelain Stone (Matte Finish) "The marketing name for this product is property of CobsA-L This same product may be marketed under different names.			
	IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.		Measurable exemplary environmental performance.			Produ LIV(*The m			

Cuerestad									
Suggested Applications	Floor 📕 💓 Wall 📕 💼 Reside	ential 📕 👖 L	*Wear can	commercial vary greatly. sult with a professional.	Exterior	Pools 🗌			
Installation Suggestions	Plank Installation* Modular Setting Plank Installation the width of the plank. For professional installation, the welling spacers for all plank and rectangular (ie. 12x24) format tiles is reco	oint Size 2mm se of mmended.	ht/Pressed Rustic Rectified	Matte	Polished Semi-Polished	Structured			
Porcelain Type	🗌 through-body 📕 color-bodied 📕 glazed 🗌 unglazed 🗌 double-loaded 🗌 other								
Shade Variation	Uniform] V2 light ⁄ariation	V3 Moderate Variation	V4 Substantial Variation	10mm	33 40: 24x48 110:12x24 200: 3x12 #0 200: 3x12			
Slip Resistance ASTM C-1028 ANSI A137.1 DIN 51097/51130	DCOF Values Applications 0.42 Recommended Standard for wet/dry commercial flo 0.65 Recommended Standard for ADA ramps DIN 51130 "R9: Industry Standard/ADA Requirements P9* (3-10°) R10 (10-19°) R11** (10-19°) R12 (27-35°) R13 (>35°)	DOOF value	DIN 51097 Class Typical Applications A Barefoot, but mainly dry a B Shower rooms, pool surro disinfectant spray areas (p C Areas constantly under wa inclinded pool surrounds,	punds, wet changing are olus all Class A areas) ater, e.g. steps into pool:	eas, s, foot baths,	Critical Angle $\geq 12^{\circ}$ $\geq 18^{\circ}$ $\geq 24^{\circ}$			
Scratch Resistance MOH'S SCALE UNI EN ISO 10545.6	MINERAL 1. Talc (Talc) 6. Microline (Glass, Glazed Tile) Vear Class 1: Walls only 2. Gypsum (Fingernail) 7. Quartz (Unglazed Porcelain) Resistance Class 2: Residential floors w/minimal abrasive traffic 3. Calcite (Penny) 8. Topaz (Granite) 9. Corundum (Ruby) PEI RATING Class 4: Medium commercial applications 1. Jaury standard ≤175mm² 10. Diamond (Diamond) 10545.7 Class 5: All commercial applications.								
Stain Resistance ASTM C1378-04 UNI EN ISO 10545.14 3,4	4: Removed by manual cleaning (weak detergent) 3: Removed by mechanical cleaning (strong detergent) 2: Removed by immersion (24 hrs in suitable solvent) UN	ILEN ISO -	Absorbs 05% Absorbs 05% Absorbs 05% Absorbs 05%	us Semi-V	/itreous N	Absorbs 7% + Ion-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	straightne	ss ±4.5mm ± .5% PASS	Chemical Resistance ASTM C650 UNI EN ISO 10545.13	e •	owances for: result Acid PASS Bases PASS nicals PASS			
Leed Information REQUIREMENTS FOR COMMERCIAL	Sustainable Sites Site selection SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29. Energy & Atmosphere EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	1 Point 1 Point	Materials & Resources M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials. 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%	50% 🗌 70'	Points %	Type: Porcelain Stoneware (Polished Finish) tis property of CobsA-USA.			
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