Suggested Applications	Floor Wall Residentia	al Light Com	*Wear can vo	ommercial ary greatly. ult with a professional.	Exterior	Pools 🗌
Installation Suggestions	Plank Installation* Setting Joint *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 recommer	nm iii Laar	Rustic Rectified	Matte	Polished Semi-Polished	Structured
Porcelain Type	through-body color-bodied	glazed 🗌 unglaze	ed	other		
Shade Variation	Uniform		V3 Moderate Variation	☐ V4 Substantial Variation		40: 24x48 110:12x24 200: 3x12
Slip Resistance ASTM C-1028 ANSI A137.1 DIN 51097/51130	DCOF Values Applications 0.42 Recommended Standard DCC for wet/dry commercial flooring Recommended Standard DCC for ADA ramps DIN 51130 **R9: Industry Standard/ADA Requirements ***R11: Recommended Standard DCC for ADA ramps R9* (3-10°) R10 (10-19°) R11*** (19-20°) R12 (27-35°) R13 (>35°)	DF value B ended For Exteriors	097 Typical Applications Barefoot, but mainly dry ais Shower rooms, pool surroudisinfectant spray areas (pl Areas constantly under wainclinded pool surrounds, j	unds, wet changing are lus all Class A areas) ter, e.g. steps into pools	eas, s, foot baths,	Critical Angle ≥12° ≥18° ≥24°
Scratch Resistance MOH'S SCALE UNI EN ISO 10545.6	MINERAL 1. Talc (Talc) 2. Gypsum (Fingernail) 3. Calcite (Penny) 4. Flourite (Some Marbles) 5. Apatite (Knife Blade) Industry standard ≤175mm² Mineral 6. Microline (Glass, Glazed Tile) 7. Quartz (Unglazed Porcelain) 8. Topaz (Granite) 9. Corundum (Ruby) PEI RATING UNI EN ISO 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 5: All commercial applications/heavy traffic "Wear can vary greatly. please consult with a professional."					mercial traffic ons eavy traffic
Stain Resistance ASTM C1378-04 UNI EN ISO 10545.14	3: Removed by mechanical cleaning (strong detergent) 2: Removed by immersion	orption 1 C-373 III	mpervious Vitreou	us Semi-V /Exterior Indoor l	itreous No	Absorbs 7% + on-Vitreous door 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 Facial Dimension ASTM c499-09 UNI EN ISO 10545.02	flatness $\pm 5m$ thickness $\pm 6m$ straightness $\pm 4.5n$ squareness $\pm 5.4n$ sides L/W $\pm 1.1m$	m ± .5% PASS m ± .5% PASS m ± .5% PASS m ± .5% PASS m ± .6% PASS	Chemical Resistance ASTM C650 UNI EN ISO 10545.13	2	result Acid PASS PASS PASS PASS PASS
Leed	Sustainable Sites Site selection	1 Point Mater	ials & Resources	1 Point 2 P	oints	Type: Porcelain Stoneware (Polished Finish) Sproperty of Cancos Tile & Stone.

Innovation in Design

ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.

IEQ CREDIT 4.1

IEQ CREDIT 4.3

Low Emitting Adhesives: Products less than 65 G/L VOC

 $Low\ Emitting\ Materials:\ Flooring\ systems.$

Product Line: ONYX

1-5 Points