

# Crux - Technical information

*Tile collection performance based on industry standards.*

Technical Information		GLAZED PORCELAIN	GLAZED CERAMIC	
	WATER ABSORPTION	ANSI / ISO - (%)	< 0.5%	10% ≤E ≤16% - P4
	ABRASION RESISTANCE	ANSI / ISO	CLASS 4	CLASS 0
	SCRATCH HARDNESS	ANSI / ISO - (Mohs)	7	4
	BREAKING STRENGTH	ANSI - (lbf) ISO - (N)	≥350 >1500	>230 >1000
	SHADE VARIATION		V2	
	SLIP RESISTANCE	ANSI - DCOF (WET) ISO - R VALUE	MATTE ≥0.50 (ID, IW, IW+) MATTE R9	MATTE N/A MATTE N/A
	CHEMICAL RESISTANCE	ANSI / ISO	CLASS A	CLASS B
	STAIN RESISTANCE	ANSI / ISO	CLASS A / CLASS 5	CLASS B / CLASS 4
	FROST RESISTANCE	ANSI / ISO	PASS	NOT RESISTANT

Test values are based on ANSI / ISO standards according to: ANSI A137.1 - Porcelain tile P1 Class, ISO 13006 - G - Bia Group - En 14411 - G - Bia Group. Variances in test values can occur in different production lots.  
Test values are based on ANSI / ISO standards according to: ANSI A137.1 Non-Vitreous P4 Class, ISO 13006 - L - Group BIII - EN 14411- L - Group BIII. Variances in test values can occur in different production lots.

## Usage recommendations

*Anatolia's recommendations for suitable applications.*

Usage Recommendations*		MATTE GLAZED PORCELAIN		MATTE GLAZED CERAMIC	
APPLICATION		WALL	FLOOR	WALL	FLOOR
INTERIOR	RESIDENTIAL	•	ID, IW, IW+	•	
	COMMERCIAL	•	ID, IW, IW+	•	
	HEAVY COMMERCIAL	•			
EXTERIOR	RESIDENTIAL / COMMERCIAL	•			

\* These recommendations are not defined by ANSI/ISO standards.

DCOF Classifications per ANSI A326.3: (ID): Interior, Dry (IW): Interior, Wet (IW+): Interior, Wet Plus (EW): Exterior, Wet (O/G): Oils/Greases

\* Factors other than the noted DCOF result must also be taken into consideration. Such factors include, but are not limited to, expected contaminants, drainage, surface texture, effect of structure on the DCOF measurement, number of grout joints, traction-enhancing features, and intended use in addition to the other criteria noted in standard ANSI A326.3