



HERMETIC™ Quartz

Flooring Systems



elite crete systems
ENGINEERED HIGH PERFORMANCE SURFACES & FLOORING

HERMETIC™ Quartz Flooring Systems

are high build, double broadcast system using colored quartz aggregate and sealed with a protective top coat.

TYPICAL AREAS OF USE

- Commercial kitchens
- Public restrooms
- Locker rooms
- Showrooms
- Wet or dry processing areas
- Grocery stores
- Airports
- Automobile service areas
- Medical
- Educational

ADVANTAGES

- Ease of maintenance
- Aesthetic improvements & decorative floor finish
- Increase slip resistance in wet areas
- Hard with excellent abrasion resistance
- VOC free options – CA 01350 air quality compliant
- Excellent stain & chemical resistance
- Antimicrobial, seamless & hygienic
- Fast set available for quicker turnaround time
- Wide array of color combinations
- Satin or gloss finish
- Fast set available for quicker turnaround time
- Special colors can match design or preferred colors

For additional information, visit: elitecrete.com

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SPECIFICATION OVERVIEW

- Name: HERMETIC™ Quartz Flooring System
- Finish: Textured
- Cured thickness: @ 115 to 125 mils
- Surface preparation and detailed application instructions per manufacturer
- Manufacturer: Elite Crete Systems, +1-219-465-7671

PHYSICAL PROPERTIES

(@ 73°F / 23°C, 7 day ambient cure as a coating)

PROPERTY	TEST	RESULT
VOC Content	N/A	0-25 g/l
Shore D Hardness	ASTM D2240	79-93
Water Absorption (2hr boil)	ASTM D570	0.03-0.33 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D648	120-135 F / 49-57 C
Compressive Strength	ASTM D695	7,300-14,100 psi
Tensile Strength	ASTM D638	1,376-7,100 psi
Flexural Strength	ASTM D790	2,840-11,100 psi
Abrasion Resistance **	ASTM D4060	9.5-16 mg loss
Slant Shear	ASTM C882	100% concrete failure
Flammability	ASTM D635	Self-extinguishing
Flame Spread Rate (NFPA 101)	ASTM E84	Class A
Elongation at Break	ASTM D638	3.5-9.2 %
Chemical resistance	Contact technical representative for chart	
Coefficient of Friction	Adjusted per requirement. Generally 0.50 to 0.80+	
COF Guidelines:	ADA Flat Surfaces	0.60
	ADA Inclined Surfaces	0.80
	OSHA	0.50
	NFPA	0.68

* FDA, USDA, & CIFA Acceptable

** CS-17 Wheel, 1 KG load, 1,000 cycles

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the applications they intend to use our products for. Nothing herein shall constitute any warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose, nor is replacement of our materials and in no event shall we be liable for incidental or consequential damages.