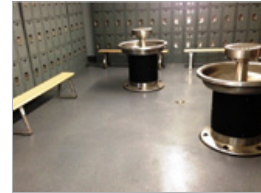


# HERMETIC™ Quartz

Flooring System



CSI Division 9: Finishes - Flooring



**elite crete systems**

Engineered High Performance Surfaces & Flooring

**HERMETIC™ Quartz Floor** is a 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

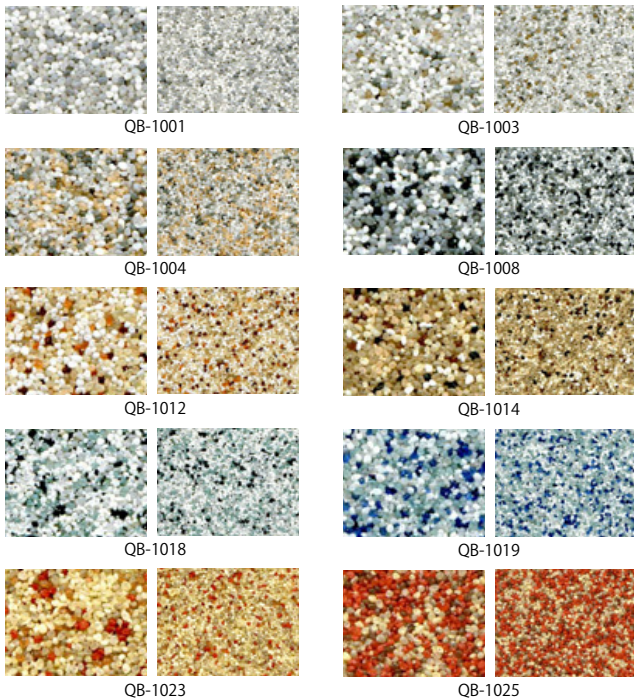
**ADVANTAGES**

- Ease of maintenance
- Aesthetic improvements & decorative floor finish
- Increase slip resistance in wet areas
- Hard with excellent abrasion resistance
- VOC free – CA 01350 air quality compliant
- Excellent stain & chemical resistance
- Anti-microbial, seamless & hygienic
- Fast set available for quicker turn around time
- Wide array of color combinations

**SPECIFICATION OVERVIEW**

- Name: HERMETIC™ Quartz Floor
- Cured Thickness: @ 115 to 125 mils
- Surface preparation and detailed application instructions per manufacturer
- Manufacturer: Elite Crete Systems, Inc. +1-219-465-7671

**SAMPLE COLOR CHART**



**NOTE:** The colors depicted on this technical document may not illustrate the exact color. Contact a technical support representative for a more accurate color sample. Custom colors available upon request.

**PHYSICAL PROPERTIES**

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

PROPERTY	TEST	RESULT
VOC Content	N/A	0 g/l
Shore D Hardness	ASTM D-2240	80 to 82
Water Absorption (2hr boil)	ASTM D-570	0.04 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D-648	128 F / 53 C
Compressive Strength	ASTM D-695	12,500 psi
Tensile Strength	ASTM D-638	3,300 psi
Flexural Strength	ASTM D-790	4,700 psi
Abrasion Resistance **	ASTM D-4060	17 mg loss
Slant Shear	ASTM C-882	100% concrete failure
Flammability	ASTM D-635	Self-extinguishing
Flame Spread Rate (NFPA 101)	ASTM E-84	Class A
Elongation at Break	ASTM D-638	4.2 %
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



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