

2020 Digital Catalog

Products, Systems, & Solutions for:

Decorative Concrete Finishes • Concrete Restoration
Interior Flooring Systems • Industrial Floor Coatings



elite crete systems
Engineered High Performance Surfaces & Flooring

Even in today's economic times, the unique industry that we are leading is continuing to thrive with anticipated higher than average growth in the coming years. Our industry so diverse that it is often said that it is near recession proof due to the versatility of our products & systems and where they are specified and used.

To better understand that scope of work that our products are used in we will detail the descriptions and use of each in two very distinctive CSI (Construction Specification Institute) Divisions:

CSI Division 3 – Concrete:

- Decorative Concrete Finishes
- Decorative Concrete Overlayments
- Concrete Surface Restoration
- Colored & Stained Concrete
- Concrete Topping and Resurfacing
- Concrete Sealers & Protective Topcoats

CSI Division 9 – Finishes:

- Fluid Applied Floor Coatings
- Resinous Flooring
- Epoxy/Urethane/Polyaspartic Flooring
- Customized, Beautiful, Seamless Flooring
- Industrial & Manufacturing Area Flooring
- Specialized Food & Beverage Urethane Cement Flooring

Advanced technologies in polymer modified cementitious coatings, reactive/antiquing stain products, super smooth & seamless floor coatings, ultra durable sealer and industrial coating options are leading the growth where full depth stamped concrete, colored concrete, terrazzo, tile, hardwood and other floor coating products were once the extent of the exterior and interior surface options.

As the leader in *decorative concrete, interior flooring and industrial coating industry*, we not only have one of the most extensive product lines but we are also proud to boast one of the most well-known, installed, specified and accepted line of products and systems in the industry.

From one company to another, we understand the importance of time as it relates to profitability. Since product costs are generally fixed and extremely minimal in the decorative concrete finishes and interior flooring industry, when you lose time, you lose money. That's why we continually strive to engineer products and systems that meet and exceed the highest standards of reliability, ease of use, durability and cost effectiveness.

Once you have reviewed all of the enclosed information, give us a call to arrange; training seminar information for contractors or product specification assistance for architects and property owner. You will also receive a full product catalog on a USB flash drive or get answers to any questions that you might have. We also urge you to visit our website at www.elitecrete.com which provides much more detailed information.

Kindest Regards,

Technical Engineering & Market Development Staff

Elite Crete Systems, Inc.

REFLECTOR™ Enhancer

Flooring System



CSI Division 9: Finishes - Flooring

elite crete systems

Engineered High Performance Surfaces & Flooring

REFLECTOR™ Enhancer Flooring Systems

are specialty, high build, self leveling, fluid applied floor coatings. Engineered for residential and commercial applications where a durable, long lasting, aesthetically unique, easy to maintain and completely custom floor is required.

Due to the unique and unrepeatable nature of these flooring systems, consult with a technical representative before installing or specifying.

TYPICAL AREAS OF USE

- Retail stores
- Shopping malls
- Automobile showrooms
- Restaurants & bars
- Hotels & casinos
- Art galleries & museums
- Collegiate & professional sports complexes

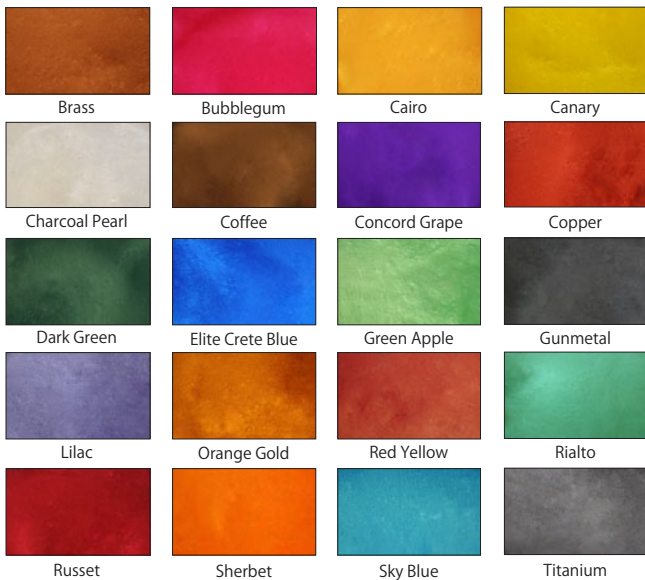
ADVANTAGES

- Ease of maintenance
- Aesthetic improvements
- Hard and abrasion resistant
- VOC free - CA 01350 air quality compliant
- Stain and chemical resistant
- Anti-microbial
- Satin or gloss finish
- Fast set available for quicker turn around time
- Special colors can match design or preferred colors

SPECIFICATION OVERVIEW

- Name: REFLECTOR™ Enhancer Flooring System
- Finish: Gloss or satin
- Cured thickness: @ 40 to 65 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.

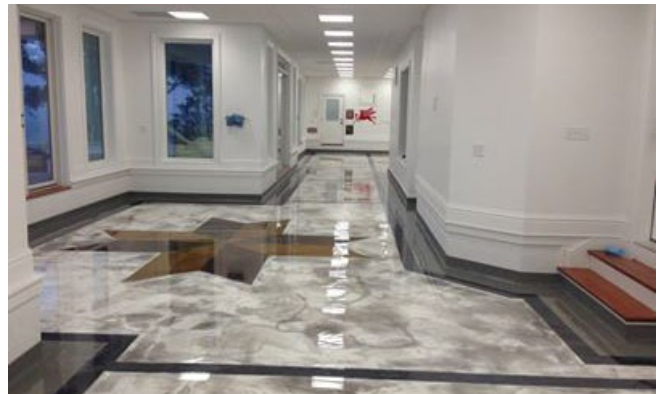
PHYSICAL PROPERTIES

(@ 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	72-83
Water Absorption (2hr boil)	ASTM D-570	0.03-0.19 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D-648	120-130 F / 55 C
Compressive Strength	ASTM D-695	7,500-13,400 psi
Tensile Strength	ASTM D-638	2,100-4,200 psi
Flexural Strength	ASTM D-790	4,500-6,500 psi
Abrasion Resistance **	ASTM D-4060	9-30 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	4.5 % minimum
Perm Rating	ASTM E-96-13	>0.10 @ 16 mils. Class 1
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



elite crete systems

Elite Crete Systems, Inc.

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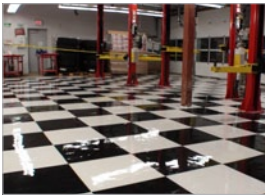
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HERMETIC™ Neat

Flooring System



CSI Division 9: Finishes - Flooring

elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ Neat Floor is a high build, self leveling, clear or pigmented resinous flooring system engineered for industrial applications.

TYPICAL AREAS OF USE

HERMETIC™ Neat Flooring Systems is intended for floors subject to medium to high foot traffic, fork lift and rubber wheel carts. Typical uses include:

- Warehouses
- Manufacturing areas
- Laboratories & clean rooms
- Automobile service areas & garages
- Exhibition halls
- Medical & educational facilities
- Aircraft hangars

ADVANTAGES

- Ease of maintenance
- Protects the substrate
- Aesthetic improvements
- Increases the strength of the substrate
- Hard and abrasion resistant
- VOC free - CA 01350 air quality compliant
- Stain and chemical resistant
- Anti-microbial
- Satin or gloss finish
- Fast set available for quicker turn around time
- Electrostatic dissipative finish is optional

SPECIFICATION OVERVIEW

- Name: HERMETIC™ Neat Floor
- Finish: Gloss or satin
- Cured thickness: @ 40 to 65 mils
- Surface preparation and detailed application instructions per manufacturer
- Manufacturer: Elite Crete Systems, Inc. +1-219-465-7671

SAMPLE COLOR CHART



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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	72-83
Water Absorption (2hr boil)	ASTM D-570	0.03-0.19 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D-648	120-130 F / 55 C
Compressive Strength	ASTM D-695	7,500-13,400 psi
Tensile Strength	ASTM D-638	2,100-4,200 psi
Flexural Strength	ASTM D-790	4,500-6,500 psi
Abrasion Resistance **	ASTM D-4060	9-30 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	4.5 % minimum
Perm Rating	ASTM E-96-13	>0.10 @ 16 mils. Class 1
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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HERMETIC™ Flake

Flooring System



CSI Division 9: Finishes - Flooring

elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ Flake Floor is a durable, seamless, chemical resistant floor providing adjustable levels of slight texture and color to match any design theme or surroundings.

TYPICAL AREAS OF USE

- Public areas
- Grocery stores
- Airports
- Showrooms
- Retail
- Theme parks
- Hospitality
- Hospitals
- Educational
- Automobile showrooms

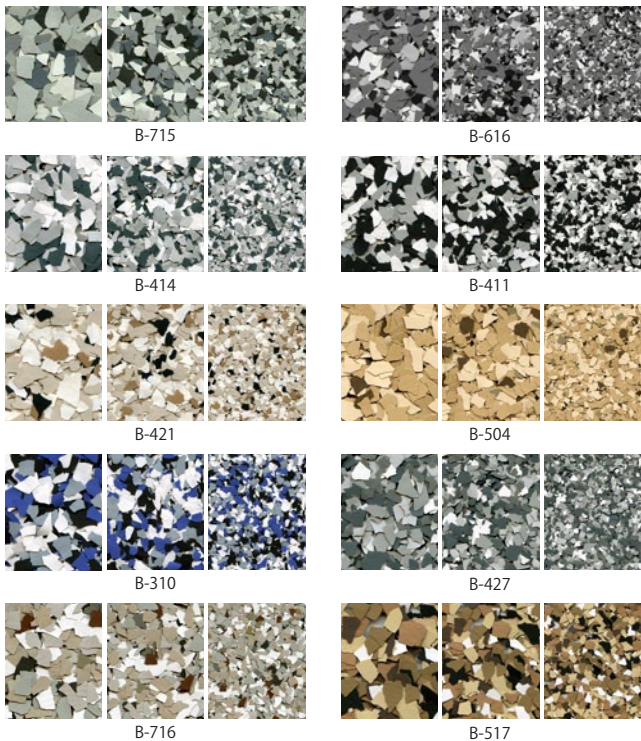
ADVANTAGES

- Ease of maintenance
- Aesthetic improvements
- Hygienic seamless finish
- Hard and abrasion resistant
- VOC free - CA 01350 air quality compliant
- Stain and chemical resistant
- Anti-microbial
- Satin or gloss finish
- Fast set available for quicker turn around time

SPECIFICATION OVERVIEW

- Name: HERMETIC™ Flake Floor
- Surface preparation and detailed application instructions per manufacturer
- Manufacturer: Elite Crete Systems, Inc. +1-219-465-7671

SAMPLE COLOR CHART



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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	77 to 81
Water Absorption (2hr boil)	ASTM D-570	0.12 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D-648	129 F / 54 C
Compressive Strength	ASTM D-695	11,900-13,400 psi
Tensile Strength	ASTM D-638	2,100-4,200 psi
Flexural Strength	ASTM D-790	4,500-6,400 psi
Abrasion Resistance **	ASTM D-4060	9-30 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	4-6 %
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	0.80

* FDA, USDA, & CIFA Acceptable ** CS-17 Wheel, 1 KG load, 1,000 cycles



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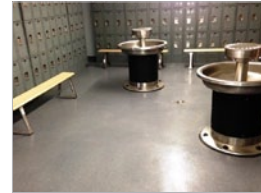
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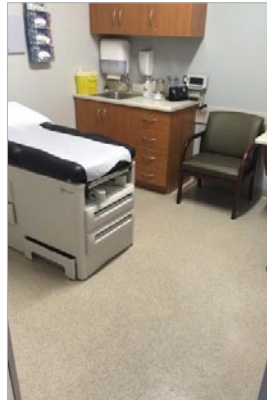
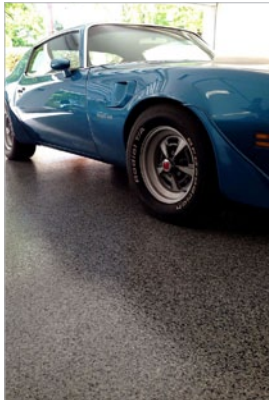
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HERMETIC™ Quartz

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

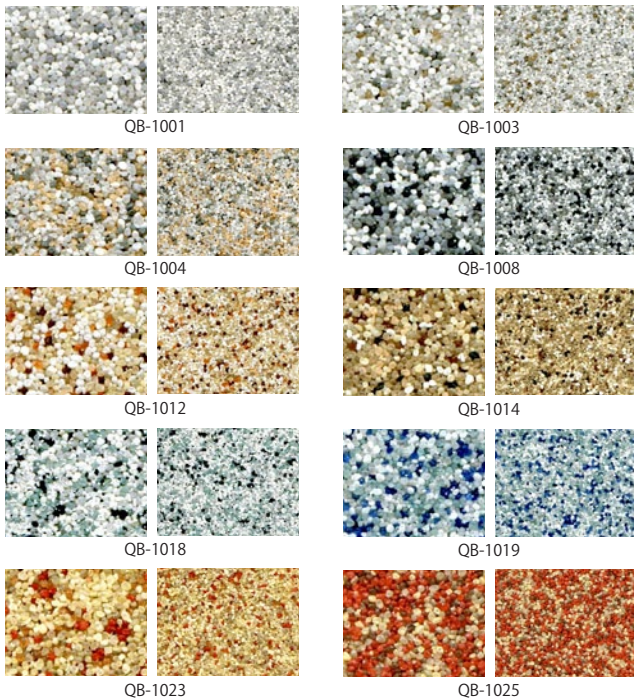
ADVANTAGES

- 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



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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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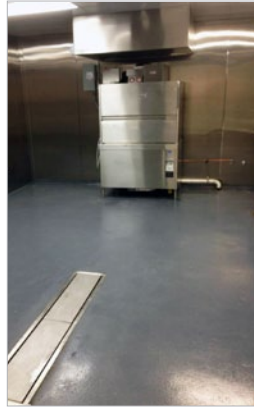
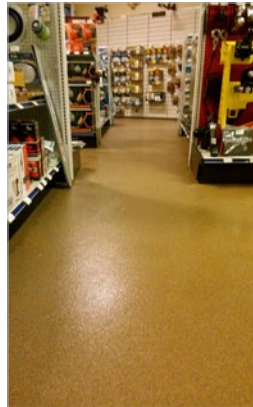
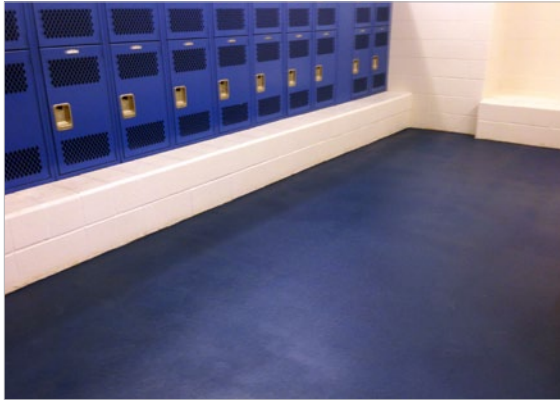
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HERMETIC™ Stout

Flooring System



CSI Division 9: Finishes - Flooring

elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ Stout Floor is a high build, double broadcast system using silica quartz aggregate and sealed with a pigmented top coat.

TYPICAL AREAS OF USE

- Commercial kitchens
- Public restrooms
- Locker rooms
- Wet or dry processing areas
- Automobile service areas
- Medical
- Educational
- Warehouses
- Manufacturing areas

ADVANTAGES

- Ease of maintenance
- Increased slip resistance in wet areas
- Hard with excellent abrasion resistance
- VOC free – CA 01350 air quality compliant
- Excellent stain & chemical resistant
- Anti-microbial, seamless & hygienic
- Fast set available for quicker turn around time
- Wide array of colors

SPECIFICATION OVERVIEW

- Name: HERMETIC™ Stout 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



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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 minimum
Tensile Strength	ASTM D-638	2,100 psi minimum
Flexural Strength	ASTM D-790	4,500 psi minimum
Abrasion Resistance **	ASTM D-4060	30 mg loss max
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	2-4 %
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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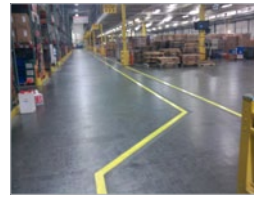
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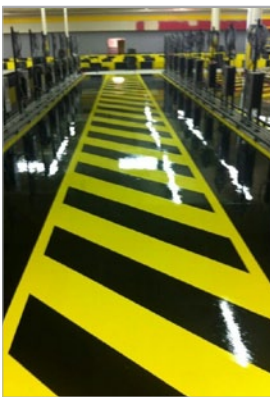
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HERMETIC™ Paramount HD

Flooring System



CSI Division 9: Finishes - Flooring



elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ Paramount HD Floor is a high build, heavy duty, trowel applied resinous mortar flooring system engineered for industrial applications. Formulated for extreme abrasion, wear and chemical resistance.

TYPICAL AREAS OF USE

- Warehouses
- Manufacturing areas
- Automotive service areas
- High & heavy traffic areas
- Concrete floor restoration

ADVANTAGES

- Ease of maintenance
- Aesthetic improvements
- Increases the surface strength of the substrate
- Hard and abrasion resistant
- VOC free – CA 01350 air quality compliant
- Stain and chemical resistant
- Fast set available for quicker turn around time

SPECIFICATION OVERVIEW

- Name: HERMETIC™ Paramount HD Floor
- Cured Thickness: @ 225 to 250 mils
- Surface preparation and detailed application instructions per manufacturer
- Manufacturer: Elite Crete Systems, Inc. +1-219-465-7671

SAMPLE COLOR CHART



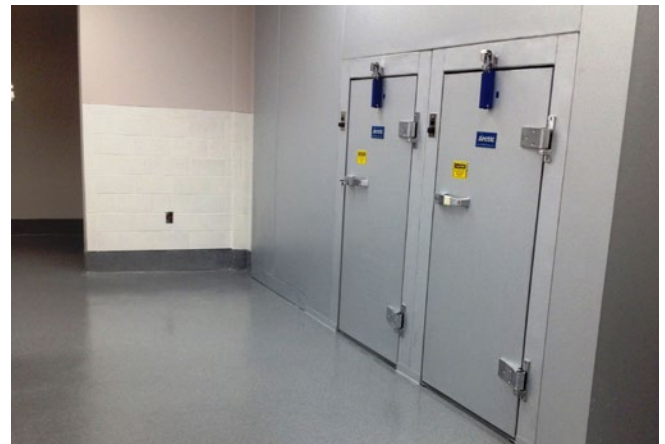
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PHYSICAL PROPERTIES

(@ 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	83 to 90+
Water Absorption (2hr boil)	ASTM D-570	0.10 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D-648	136 F / 54 C
Compressive Strength	ASTM D-695	14,500 psi minimum
Tensile Strength	ASTM D-638	3,300 psi
Flexural Strength	ASTM D-790	4,400 psi
Abrasion Resistance **	ASTM D-4060	0.2 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	3.2 %
Chemical Resistance	Contact technical representative for chart	
Coefficient of Friction	Adjusted per requirement. Generally 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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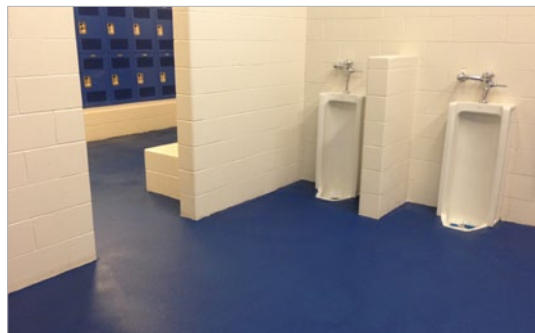
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HERMETIC™ Paramount

Flooring System



CSI Division 9: Finishes - Flooring

elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ Paramount Floor is a high build, self leveling, resinous slurry flooring system engineered for industrial applications. Available in either solid pigment or colored quartz for a speckled finish.

TYPICAL AREAS OF USE

- Warehouses
- Manufacturing areas
- Laboratories & clean rooms
- Automotive service areas & garages
- Hospitals
- Schools
- Airports
- Shopping malls

ADVANTAGES

- Ease of maintenance
- Aesthetic improvements
- Increases the strength of the substrate
- Hard and abrasion resistant
- VOC free – CA 01350 air quality compliant
- Stain and chemical resistant
- Anti-microbial
- Fast set available for quicker turn around time

SPECIFICATION OVERVIEW

- Name: HERMETIC™ Paramount Floor
- Cured Thickness: @ 125 to 135 mils
- Surface preparation and detailed application instructions per manufacturer
- Manufacturer: Elite Crete Systems, Inc. +1-219-465-7671

SAMPLE COLOR CHART



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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	90+
Water Absorption (2hr boil)	ASTM D-570	0.09 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D-648	128 F / 51 C
Compressive Strength	ASTM D-695	14,400 psi minimum
Tensile Strength	ASTM D-638	4,100 psi
Flexural Strength	ASTM D-790	4,200 psi
Abrasion Resistance **	ASTM D-4060	0.5 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	4.1 %
Chemical Resistance	Contact technical representative for chart	
Coefficient of Friction	Adjusted per requirement. Generally 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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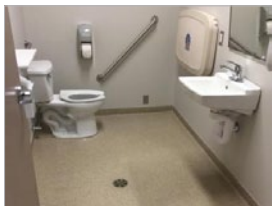
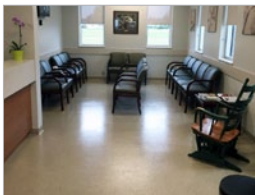
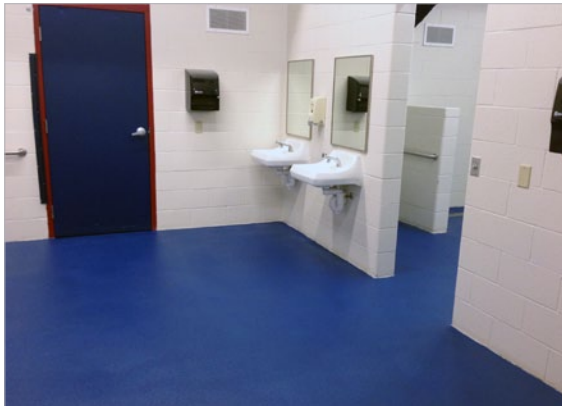
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HERMETIC™ 4.8S Urethane Cement Slurry



CSI Division 9: Flooring - Fluid Applied

elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ 4.8S Urethane Cement slurry

is a three component, thermal shock resistant, urethane slurry (broadcast optional), non-slip flooring system. Available in a variety of colors and engineered to be FDA and USDA acceptable for applications in food manufacturing, packaging and serving facilities.

HERMETIC™ 4.8S Urethane Cement slurry is engineered to withstand steam cleaning on a daily basis, along with it's resistance to bacterial growth makes it ideal for application in most food and beverage manufacturing and serving facilities. Non slip when wet, will withstand severe traffic exposure.

TYPICAL AREAS OF USE

- Meat/Poultry and Dairy Processing
- Breweries, and wineries
- Pharmaceutical Plants
- Commercial Kitchens and Restaurants
- Processing Areas
- Automotive Service Bays
- Cold storage facilities

ADVANTAGES

- Resistant to extreme hot and cold changes in temperature
- Passes ADA recommendations
- Meets or exceeds FDA AND USDA guidelines
- Does not support bacterial growth
- Resistant to high levels of relative humidity in substrates
- Self leveling, water based, & VOC compliant formulation
- CA 01350 indoor air quality compliant
- Does not contain phthalates

SPECIFICATION OVERVIEW

- Name: HERMETIC™ 4.8S Urethane Cement slurry
- Finish: High gloss or satin
- Cured Thickness; 3/16" to 5/8"
- Surface preparation and detailed application see manufacturers instructions
- Manufacturer Elite Crete Systems, Inc. +1-219 465-7671

SAMPLE COLOR CHART



For integral color and decorative quartz options, contact a technical representative.

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)

Mix Ratio: Pre-Engineered 3 part unit

Gel Time: 14 minutes

Consistency: Gage rake slurry

PROPERTY	TEST	RESULT
VOC Content	N/A	0 g/l
Shore D Hardness	ASTM D-2240	80-85
Compressive Strength	ASTM C-579	12,800 psi
Tensile Strength	ASTM D-638	4,400 psi
Flexural Strength	ASTM D-790	6,300 psi
Adhesion	ASTM D-4541	>400 (100% concrete failure)
Impact Resistance	ASTM D-2794	Pass
Abrasion Resistance *	ASTM D-4060	2 mg loss
Thermal Shock Resistance	MIL F-52505	Pass (230F) Force Hot Steam
Flammability	ASTM E-648	Class 1
Indoor Air Quality	CA-01350	Compliant
Coefficient of Friction	ASTM D-2047	0.9 (Passes ADA recommendation)

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



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HERMETIC™ Aircraft

Flooring System



CSI Division 9: Finishes - Flooring

elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ Aircraft Floor is a high performance, self leveling, resinous coating engineered for aircraft hangars and specialty aerospace floors. This floor exhibits exceptional resistance to chemicals common in such environments including Skydrol fluids.

ADVANTAGES

- Ease of maintenance
- Protects the substrate
- Aesthetic improvements
- Increases the strength of the substrate
- Hard and abrasion resistant
- Light reflective finish
- VOC free – CA 01350 air quality compliant
- Stain and chemical resistant
- Variable degree of slip resistance depending on requirements
- Anti-microbial
- Satin or gloss finish
- Fast set available for quicker turn around time

SPECIFICATION OVERVIEW

- Name: HERMETIC™ Aircraft Floor
- Finish: Gloss or satin
- Cured Thickness: @ 45 to 90 mils
- Surface preparation and detailed application instructions per manufacturer
- Manufacturer: Elite Crete Systems, Inc. +1-219-465-7671

SAMPLE COLOR CHART



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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
Water Absorption (2hr boil)	ASTM D-570	0.03 %
Toxicity	N/A	None*
Heat Distortion Temperature	ASTM D-648	130 F / 55 C
Compressive Strength	ASTM D-695	11,900 psi minimum
Tensile Strength	ASTM D-638	2,100 psi minimum
Flexural Strength	ASTM D-790	4,200 psi minimum
Abrasion Resistance **	ASTM D-4060	9-30 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	4.2-6.5 %
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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HERMETIC™ Fire Apparatus Floors



CSI Division 9: Finishes - Flooring



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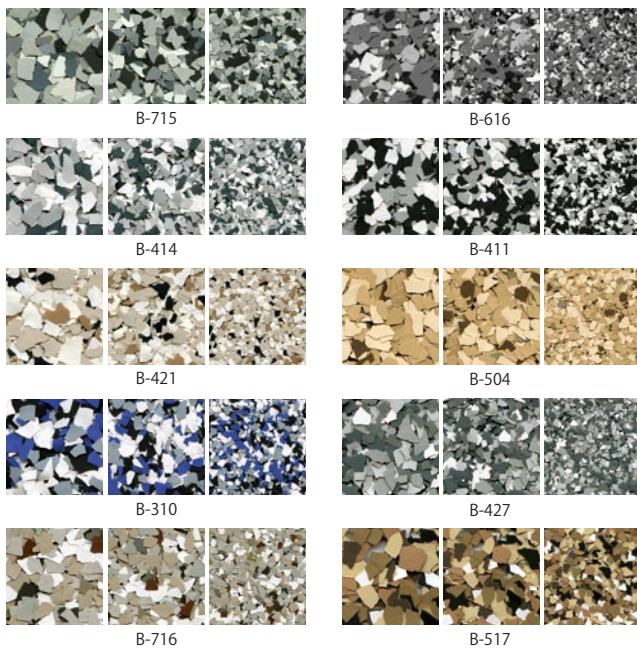
Engineered High Performance Surfaces & Flooring

HERMETIC™ Fire Apparatus Floors are resinous, fluid applied floors engineered to improve the look of fire apparatus bay floors while providing outstanding durability.

ADVANTAGES

- Ease of maintenance
- Protects the concrete substrate
- Aesthetic improvements
- Abrasion resistant
- VOC free - CA 01350 air quality compliant
- Stain and chemical resistant
- Anti-microbial
- Satin or gloss finish
- Fast set available for quicker turn around time
- Wide selection of colors, patterns, and other options
- Custom logos available

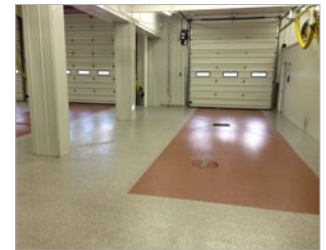
SAMPLE FLAKE COLOR CHART



SAMPLE COLOR CHART



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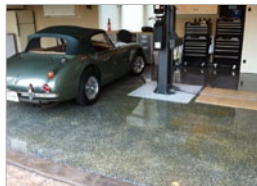
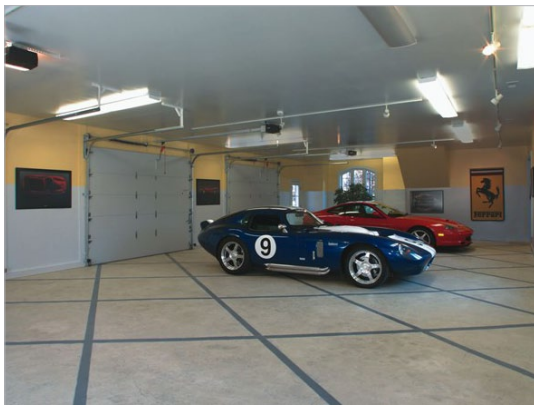
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Garage Floor Coatings



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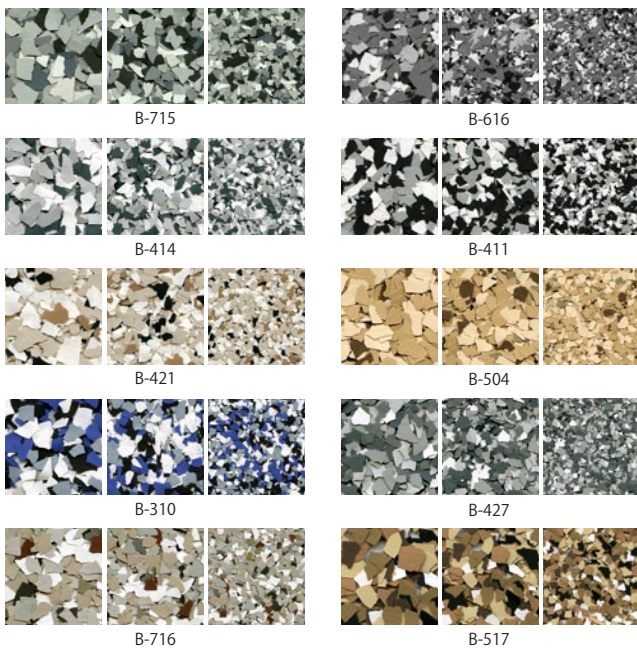
Engineered High Performance Surfaces & Flooring

Garage Floor Coatings are resinous or cementitious finishes engineered to improve the look of a garage while providing outstanding durability.

ADVANTAGES

- Ease of maintenance
- Protects the concrete substrate
- Aesthetic improvements
- Hard and abrasion resistant
- VOC free - CA 01350 air quality compliant
- Stain and chemical resistant
- Anti-microbial
- Satin or gloss finish
- Fast set available for quicker turn around time
- Wide selection of colors, patterns, and other options
- Custom logos available

SAMPLE FLAKE COLOR CHART



SAMPLE EPOXY COLOR CHART



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Exterior Decorative Concrete Finishes



CSI Division 3: Concrete - Decorative & Repair

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Engineered High Performance Surfaces & Flooring



Exterior Decorative Concrete Overlays are engineered to be a surface repair or an aesthetic finish that can be applied to new or existing concrete surfaces. The finished application is actually stronger than concrete and can withstand vehicular traffic and harsh temperatures (extreme hot or cold).

BENEFITS

- Virtually unlimited designs, patterns, textures and color options.
- Can create the authentic look and feel of any stone, brick, tile, wood and even just plain new concrete.
- Available in any color combination to match surrounding design.
- Cost effective compared to: full depth stamped concrete, pavers, brick, real stone or integrally colored concrete.
- Extreme durability for high traffic areas.
- Very low maintenance.
- Highly resistant to deicing salts, freeze/thaw climates, extreme heat, wet conditions and UV rays.
- Quick installation time.
- Can be installed pre or post construction.
- For new or existing concrete surfaces.



TECHNICAL DATA

PROPERTY	RESULT
Compressive Strength	
1 day	1350 to 1425 psi
7 days	3655 to 3750 psi
28 days	4560 to 4800 psi
Flexural Strength	
7 days	875 to 990 psi
28 days	1415 to 1450 psi
Tensile Strength	
7 days	350 to 375 psi
28 days	700 to 750 psi
Abrasion Loss	
Unsealed	0.17 to 0.19%
Density	
7 days	1.17 to 1.19 g/cm3
28 days	1.89 to 1.95 g/cm3
Shear Bond	
7 days	320 to 335 psi
28 days	575 to 595 psi
Cohesive Strength	
7 days	52 to 58 psi
28 days	98 to 103 psi
Impact Resistance	
7 days	16 to 19 inch/lbs.
28 days	28 to 29 inch/lbs.

Variance in results due to different applications and thickness.



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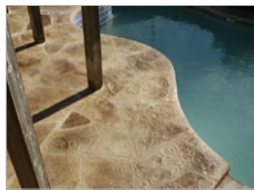
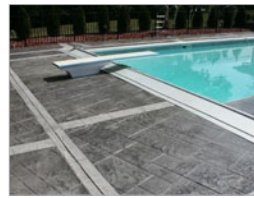
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Pool Deck Coatings

CSI Division 3: Concrete - Decorative & Repair



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Engineered High Performance Surfaces & Flooring



Pool Deck Coatings are polymer modified to act as surface repair or an aesthetic finish that can be applied to new or existing concrete surfaces. The coating is actually stronger than concrete and can withstand vehicular traffic and harsh temperatures (extreme hot or cold).

BENEFITS

- Virtually unlimited designs, patterns, textures and color options.
- Non-slip even when wet.
- Can create the authentic look and feel of any stone, brick, tile, wood and even just plain new concrete.
- Available in any color combination to match surrounding design.
- Cost effective compared to: full depth stamped concrete, pavers, brick, real stone or integrally colored concrete.
- Extreme durability for high traffic areas.
- Very low maintenance.
- Highly resistant to deicing salts, freeze/thaw climates, extreme heat, wet conditions and UV rays.
- Quick installation time.
- Can be installed pre or post construction.
- For new or existing concrete surfaces.



TECHNICAL DATA

PROPERTY	RESULT
Compressive Strength	
1 day	1350 to 1425 psi
7 days	3655 to 3750 psi
28 days	4565 to 4800 psi
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7 days	875 to 990 psi
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7 days	350 to 375 psi
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Abrasion Loss	
Unsealed	0.17 to 0.19%
Density	
7 days	1.17 to 1.19 g/cm ³
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