



Commercial Parking Garage Coatings



elite crete systems
ENGINEERED HIGH PERFORMANCE SURFACES & FLOORING

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Concrete flooring and surfaces in commercial parking garages, parkades and car parks must be properly protected against damage from both heavy vehicular traffic and extreme weather. Functional aesthetics such as directional arrows, safety markings and line striping can also be applied.

Due to the unique nature of these surfaces, consult with a technical representative before installing or specifying.



TYPICAL AREAS OF USE

- Parking garages
- Elevator lobbies
- Stairwells & ramps
- Supply, utility, and mechanical rooms

ADVANTAGES

- Slip resistant in wet or dry conditions for pedestrian and vehicular safety
- Resistant to damage from water, de-icing salt, and petrochemicals.
- Extreme temperature resistances including freeze/thaw conditions and extreme heat.
- For new construction and existing surfaces in need of repair.
- Options for line striping, directional arrows and safety markings.

For additional information, visit: elitecrete.com

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SPECIFICATION OVERVIEW

- Name: Commercial Parking Garage Coatings
- Finish: Gloss or satin
- Cured thickness: @ 40 to 625 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	76-93
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	1,200-7,100 psi
Flexural Strength	ASTM D790	2,500-11,100 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 0.80	
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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