HERMETIC[™] Aircraft

Flooring System













elite crete systems

Engineered High Performance Surfaces & Flooring

HERMETIC™ Aircraft Flooring Systems

are high performance, self-leveling, resinous coatings 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
- Antimicrobial
- Satin or gloss finish
- Fast set available for quicker turnaround 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



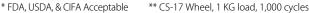
NOTE: The colors depicted on this technical document may not illustrate the exact color. Contact a technical support representative for a more accurate color sample. Custom colors availible upon request.

* Novalac Only

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 Surfac	tes 0.80
	OSHA	0.50
	NFPA	0.68
* FDA LISDA & CIFA Acceptable	** CS-17 Wheel 1 KG load 1 000 cycles	





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