

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



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. *** 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	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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