



HERMETIC™ 4.8S Urethane Cement Flooring Systems



elite crete systems
ENGINEERED HIGH PERFORMANCE SURFACES & FLOORING

HERMETIC™ 4.8S Urethane Cement Flooring Systems

are 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 its 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 & dairy processing
- Breweries & wineries
- Pharmaceutical plants
- Commercial kitchens & 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 & 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

For additional information, visit: elitecrete.com

Elite Crete Systems, Inc.

1151 Transport Drive
Valparaiso, Indiana 46383

Phone: +1.219.465.7671
Toll Free: 888-323-4445
Email: info@elitecrete.com
www.elitecrete.com

SPECIFICATION OVERVIEW

- Name: HERMETIC™ 4.8S Urethane Cement Flooring System
- Finish: High gloss or satin
- Cured thickness: @ 3/16" to 5/8"
- 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)

Mix Ratio: Pre-Engineered 3 part unit

Gel Time: 14 minutes

Consistency: Gage rake slurry

PROPERTY	TEST	RESULT
VOC Content	N/A	0-25 g/l
Shore D Hardness	ASTM D2240	75-93
Compressive Strength	ASTM D695	7,300-14,100 psi
Tensile Strength	ASTM C307	1,200-7,100 psi
Flexural Strength	ASTM C580	2,500-11,100 psi
Abrasion Resistance *	ASTM D4060	9.5-16 mg loss
Thermal Shock Resistance	MIL F52505	No cracking or loss of adhesion
Flammability	ASTM E648	Class 1
Indoor Air Quality	CA-01350	Compliant
Coefficient of Friction	ASTM D2047	>0.6 **

* CS-17 Wheel, 1 KG load, 1,000 cycles
** Passes ADA recommendation