

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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