



HERMETIC™ Stout

Flooring Systems



elite crete systems

ENGINEERED HIGH PERFORMANCE SURFACES & FLOORING

HERMETIC™ Stout Flooring Systems

are high build, double broadcast systems using silica quartz aggregate and sealed with a pigmented top coat.

TYPICAL AREAS OF USE

- Commercial kitchens
- Public restrooms
- Locker rooms
- Wet or dry processing areas
- Automobile service areas
- Medical
- Educational
- Warehouses
- Manufacturing areas

ADVANTAGES

- Ease of maintenance
- Increased slip resistance in wet areas
- Hard with excellent abrasion resistance
- VOC free options – CA 01350 air quality compliant
- Excellent stain & chemical resistant
- Antimicrobial, seamless & hygienic
- Fast set available for quicker turnaround time
- Wide array of colors

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™ Stout Flooring System
- Finish: Varies
- Cured thickness: @ 115 to 125 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 | 1,376-7,100 psi |
| Flexural Strength | ASTM D790 | 2,840-11,100 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 0.50 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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