

NEocreTE INDUSTRIAL

NEOGARD® FLOORING SYSTEMS



NEOGARD®
CONSTRUCTION COATINGS
A part of the Hempel Group

Heavy Duty Polyurethane Mortar Systems

Uses:

- Meat and Poultry Processing Plants
- Food and Beverage Plants
- Industrial Kitchens
- Pharmaceutical Plants
- Animal Research Centers

CURED RESIN PERFORMANCE

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Compressive Strength	ASTM C579	7,700 psi
Tensile Strength	ASTM C307	712 psi
Flexural Strength	ASTM C580	2,200 psi
Modulus of Elasticity	ASTM C580	446,7000 psi
Shore D Hardness	ASTM D2240	84
Adhesion	ASTM D4541	400 psi
Water Resistance	ASTM C413	0.42%
Resistance Fungal Growth	ASTM G21	No Support of Growth
Flammability	ASTM D635	Pass
Volume Solids	ASTM D5201	99.93%
Flash Point	ASTM D3278	None
VOC (mixed)	ASTM D5201	8.4 g/L
Usable Pot Life @70°F		15 minutes
Application Temperature Range		34oF to 90oF
Temperature Range		-120oF to 210oF

DEFINITION		
NEOCRETE TROWEL	NEOCRETE SL	NEOCRETE SL BROADCAST
Fast Setting, water dispersed, heavy duty, U.S.D.A. acceptable, and Cementitious Polyurethane Mortar Flooring System designed to be installed and perform under adverse substrate and operation conditions such chemical exposure and thermal shock.		
Trowel Grade	Self Level Grade	Self Level Broadcast Grade
FEATURES		
NEOCRETE TROWEL	NEOCRETE SL	NEOCRETE SL BROADCAST
Meets EPA National requirements for VOC		
Extended working time and still fast cure		
Excellent Chemical Resistance to acids, oils and solvents		
Does Not Promote bacterial growth		
Low temperature cure		
Light Texture	Great Flow & Workability	Improved resistance to boiling liquid spills
Self Resurfacing		Right Balance between slip resistance and clean ability
BENEFITS		
NEOCRETE TROWEL	NEOCRETE SL	NEOCRETE SL BROADCAST
Reduces the shut downs on operating facilities during system installation		
Sustainable; Ease Maintenance fully compatible with it self		
Excellent performance at high operation temperature variations		
Excellent Chemical Resistance		
One Day, One Step Resurface Flooring System	One day, One Step Flooring System	One Day, Three Steps Flooring System

Neocrete T, SL & SL Broadcast Chemical Resistant Partial List

Acetic Acid 10%	1
Blood	0
Calcium Chloride	0
Diesel Fuel 220°F	0
Hydrochloric Acid 15%	1
Isopropyl Alcohol	0
Jet Fuel	0
Ketchup	0
Lactic Acid 20%	0
Sodium Hydroxide 50%	0
Solvent 100	0
Sulfuric Acid 50%	1
Motor Oil	0
Soy Oil 500°F	0
Tall Oil Fatty acid	1
Transmission Fluid 220°F	0

Ratings are based over 7 days spot test

0 = No Effect, 1 = Stain/Dulls,
2 = Blisters, 3 = Lifts Film



GRAY-CRETE



RED-CRETE



DESERT-CRETE



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