

Epoxy Systems'TM CR-ME Flooring

Chemical Resistant - Mechanical Equipment Room Flooring

GENERAL DESCRIPTION

Epoxy Systems' CR-ME Flooring is a fluid applied chemical resistant flexible resilient flooring system for concrete floors in mechanical equipment rooms. The resiliency of Epoxy Systems' CR-ME Flooring provides sound-deadening qualities and cushioning under-foot. Epoxy Systems' CR-ME Flooring has excellent adhesion, abrasion resistance, impact and high chemical resistance. The surface characteristics of Epoxy Systems' CR-ME Flooring can be varied to accommodate the degree of skid resistance, appearance, and chemical resistance.

APPLICATIONS

Aisle Ways	Assembly Plants	Bakeries
Basement Floors	Bottling Plants	Break Rooms
Cafeterias	Canning Plants	Car Washes
Cells	Chemical Storage Areas	Chemical Processing Areas
Church Floors	Classroom Floors	Corridors
Educational Facilities	Entrances	Farms
Food Plants	Fork Lift Areas	Health Care Facilities
Hospitals	Kennels	Kitchens
Laboratories	Law Enforcement Facilities	Laundries
Leveling concrete	Loading docks	Locker Rooms
Machine Shops	Manufacturing Areas	Marine Surfaces
Meat Preparation Areas	Mortuaries	Nuclear Plant Floors
Offices	Patching concrete	Photography Processing Areas
Power Plants	Printing Plants	Produce Preparation Areas
Pool Decks	Poultry Plants	Ramps
Research Facilities	Rest Rooms	Restaurants
Semiconductor Plants	Sewer Plants	Shop Floors
Shopping Centers	Shower Rooms	Store Floors
Show Rooms	Supermarkets	Veterinary Facilities
Water Plants	Warehouses	& many others

ADVANTAGES

- 2 *Provides interior seal coats for maximum protection and finish texture.*
- 2 *100% solids elastomeric membrane (no odor).*
- 2 *Excellent elasticity to accommodate horizontal movement*
- 2 *Solvent Free*
- 2 *Waterproof*
- 2 *Extremely Durable*
- 2 *Chemical Resistant*

SURFACE PREPARATION

Surface must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, or mechanical abrasion. Remove water and dust from all surfaces with an oil-free blast immediately prior to application.

MIXING AND APPLICATION INSTRUCTIONS

For smooth installation with Urethane Membrane: Mix Epoxy Systems' Elastomeric Membrane according to instructions and apply at a spread rate of 50 square feet per gallon. Back roll with a spiny roller as required to release the air.

For smooth installation with Flexible Epoxy: Mix Epoxy Systems' Flexible Epoxy according to instructions and apply at a spread rate of 50 square feet per gallon. Back roll with a spiny roller as required to release the air.

For anti-skid installation: Mix Epoxy Systems' Flexible Epoxy according to instructions and apply at a spread rate of 120-130 square feet per gallon. Broadcast sand to excess while membrane is still wet. Allow to cure. Sweep and vacuum up excess. Sand if required and re-vacuum.

Top-coating: Apply appropriate finishing coat according to instructions.

LIMITATIONS

- Substrate must be sound clean and properly prepared
- Substrate temperature must be a minimum of 50 degrees F for proper cure.
- Concrete should be 28 days old prior to installation

SAFETY PRECAUTIONS

Prolonged or repeated exposure may cause eye and skin irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

CLEANING

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent.

TECHNICAL DATA		
Weight	3/32 - 1/8 inch	0.7-1.0 pounds / sq. ft.
Water Absorption	ASTM D-570	Nil
Elongation (Membrane only)	ASTM D-412	350-400%
Tensile Strength	ASTM D-412	1200-1500 PSI
Bond Strength	ACI Comm #403	250-300 psi concrete fails
Tear Strength	ASTM D-601	80 psi
Thermal Shock Resistance	ASTM C-884	Passed
Impact Resistance	MIL D-3134F	16 foot-pounds no break in specimen
Service Temperature	Degrees F.	-40 to +180 degrees F.

Standard Colors..... White, Light Gray, Dark Gray, Toupe, Sand, Old Gold, Mocha, Brick Red, Slate Blue, Colonial Green, Deep Blue, Black, Safety Yellow

For more information about this product or any other Epoxy SystemsTM product, please contact:

Epoxy Systems, Inc.

Florida & Vermont

(8352)489-1666

(352)465-3497 (fax)

info@epoxysystems.com (email)

www.epoxysystems.com (WWW)

www.epoxy.com (Mirror WWW)

This information is presented in good faith to assist in determining whether this product is suitable for application. No warranty or representation, however, is intended or made, nor is protection from any law or patent to be inferred, and all patent rights reserved. Epoxy Systems, Inc. warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Epoxy Systems, Inc. If the product fails to meet this warranty, the liability of Epoxy Systems, Inc. will be limited to the replacement of any non-conforming material if notice of such non-conformity is given to Epoxy Systems, Inc. within one (1) year of delivery of material. Epoxy Systems, Inc. may in its discretion refund the price received by Epoxy Systems, Inc. in lieu of replacing the material. No customer, distributor, or representative of Epoxy Systems, Inc. is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Epoxy Systems, Inc. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Epoxy Systems, Inc. reserves the right to inspect non-conforming material prior to replacement. Except for the expressed warranty stated above, there are no other warranties expressed or implied including without limitation, any implied warranty of merchantability or fitness for purpose. Epoxy Systems, Inc.'s obligation shall not extend beyond the obligations expressly undertaken above and Epoxy Systems, Inc. shall have no liability or responsibility to the purchaser or any third party for any loss, cost, expense, damage, or liability, whether direct or indirect, or for incidental or consequential damages.