

# Epoxy Systems'<sup>TM</sup> LasticD Flooring

## Decorative Resilient Flooring

### **GENERAL DESCRIPTION**

Epoxy Systems' LasticD Flooring is a fluid applied flexible resilient decorative colored quartz flooring system for concrete and wooden floors. The resiliency of Epoxy Systems' LasticD Flooring provides sound-deadening qualities and cushioning under-foot. Epoxy Systems' LasticD Flooring has excellent adhesion, abrasion resistance, impact and good chemical resistance. The surface characteristics of Epoxy Systems' LasticD 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**

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

<b>TECHNICAL DATA</b>		
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 Systems<sup>TM</sup> product, please contact:

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