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MANUFACTURERS OF HIGH PERFORMANCE  
EPOXY & POLYURETHANE FLOORING SYSTEMS

# POLY COAT

## High performance Epoxy Coating:

Poly Coat High Performance Epoxy Coating is unique, 100% solids Epoxy which cures to a high gloss, stain resistant, high washable surface. This product is completely odorless, non-toxic and authorized for use in food handling areas. The two component mixture is thermo setting and offers exceptional resistance to wear and abrasion, withstanding daily washing with steam or water and strong detergents. Because of ease of cleaning and abrasion resistance this coating is practically graffiti proof. Ideal for industrial and institutional flooring.

### RECOMMENDED USES:

Commercial, Institutional and Industrial floorings, Warehouses, Art galleries, Hospitals, Laboratories, Locker rooms, Garages, Ramps, Office rooms, Food and Pharmaceuticals production areas, Schools, Fire houses, Post offices, Photo-studios, Automotive centers, Battery rooms, Unit Control rooms, Generator rooms etc. etc.

### ADVANTAGES:

- Solvent free • Water clear • Available in colors • Excellent chemical resistance
- Excellent adhesion to concrete, steel and wood • High Gloss • Low temperature CURING
- Blush free.

### PROPERTIES:

Pot life	35	AASHTO-T-237
Viscosity @ 75°F		
CPS (Part A + Part B)		
CLEAR	1000-2000	ASTMD-2392
Pigmented	5000-7000	ASTMD-2392
Tensile Strength		
PSI Min	7000	ASTMD-638
Tensile Elongation % Min	3	ASTMD-638
Compressive strength PSI Min	12000	ASTMD-690
Impact Resistance, direct in LBS	8-12	ASTMD-256
Gloss, 60°	96-100	
Hardness shore D	85	ASTMD-2240
Fungus & Bacteria Resistance	Does not support growth of fungus or bacteria when subjected to Mildew and bacteria test specified in T-T-P-34	MIL-F-52505
Resistance to Elevated temperature	No slip or flow at required temperature of 158°F	MIL-D-3134F SEC 4.7.5.
Taber Abrasion Resistance	0.02 gms Loss for 1000 Cycles.	CS-17 Wheels with 1000 gm load on Each arm for 10,000 cycles

**Flammability****Self Extinguishing by this test**

ASTD-635  
 Determined on sample  
 with backing of  
 Concrete

Initial Set Time for  
 Light traffic hours @ 75° ± 1  
 Curing temperature limits  
 ultimate cure @ 75°F  
 @ 40°F

5-9  
 Over 40°F.  
 3 days  
 7 days

Mixing Ratio by Volume

2 Part Base (part A)  
 1 Part Catalyst (part B)

**Application:**  
 Coverage

Trowel, Roll, Brush.  
 75-125 sq ft/gallon.  
 The coverage may  
 vary with the condition  
 of the substrate.

**CHEMICAL RESISTANCE:**

Sulphuric Acid up to 70%	Excellent
Hydrochloric Acid up to 36%	Excellent
Acetic Acid, 5%	Excellent
Caustic soda, 10%	Excellent
Caustic soda, 50%	Excellent
Ammonia, 10%	Excellent
Ammonia, 25%	Excellent
Ethanol, 50%	Excellent
Ethanol, 96%	N.R.
Butanol	Excellent
Octanol	Excellent
Xylene	Excellent
Toluene	Good
Benzene	N.R
Crude oil	Excellent
Tetraethyl Lead Fuel	Excellent
Gasoline, high test.	Excellent
MBK	Good-Fair
Pine oil	Excellent
Distilled water	Excellent
Water	Excellent
Sea Water	Excellent
Urea	Excellent
Cola syrup	Excellent
Acetone	N.R.
Lactic Acid (20%)	Good
Detergents (.03%)	Good
Oils and Grease	Excellent

**NON-WARRANTY**

This product is made under strict quality control procedures of Delta Polymers, Inc. No guarantee is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability if any is limited to replacement of products which are defective in manufacture. No other warranty or guarantee of any kind is made by the seller, express or implied, statutory by operation of law or otherwise, including merchantability and fitness for a particular purpose.

**CAUTION**

Avoid contact with eyes and prolonged contact with skin. In case of eye contact, flush with plenty of water for at least 15 minutes and seek medical attention. For skin wash with soap and water. KEEP AWAY FROM CHILDREN. For details see product data sheet and MSDS.