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MANUFACTURERS OF HIGH PERFORMANCE  
EPOXY & POLYURETHANE FLOORING SYSTEMS

# POLYTEX

Polytex is a 100% solid Epoxy system. Polytex is a very decorative “Poured in place” flooring system. It consists of multiple layers of Liquid Epoxy and colorful Chips. It can be used without chips as solid colors. It has excellent bond to concrete, steel and wood, flake board, quarry tile, resilient tile, Formica type counters etc.

## USES:

For moderate to light traffic areas requiring beauty and low maintenance costs.

**RESIDENTIAL:** Kitchens, bathrooms, family and recreation rooms.

**INSTITUTIONAL:** Churches, schools, public and private offices and clinic buildings. Hospital patient rooms, doctor’s offices, nursing homes.

**COMMERCIAL:** Apartment buildings, motels, show rooms, art-galleries, sales rooms, waiting rooms, medical and electronic rooms, lavatories, photo labs, dance floors, restrooms and kitchens.

## PROPERTIES:

| Mixing Ratio   | Two Part Base Part A to one Part Catalyst Part B by Volume |                         |
|--|--|-------------------------|
| Pot life   | 20 minutes   | ASHTOT237               |
| Viscosity  | 3000-4000 CPS  | ASTMD-239Z              |
| Tensile Strength PSI Min   | 4000   | ASTMD-638               |
| Tensile Elongation Min   | 10%  | ASTMD-638               |
| Compressive Strength PSI Min                                     | 8000   | ASTMD-695               |
| Flexural Strength  | 6000   | ASTMD-790               |
| Bond Strength to concrete PSI                                    | 340 (concrete failed)                                      | ACI-403                 |
| Hardness (shore D)   | 75-83  | ASTMD-2240              |
| Co efficient of Linear Expansion,<br>12° F to 140° F in./in./° F | 20 *10   | ASTMD-696               |
| Indentation  | 0.025 Max  | MILD-3134               |
| Impact Resistance  | No cracking or delamination                                | MILD-3134               |
| Resistance to elevated temperature                               | No slip or flow at required<br>Temperature of 158° F.      | MILD-3134<br>SEC.4.7.5. |
| Water absorption   | 0.04%  | ASTMD-570               |

|                     |                            |                  |
|---------------------|----------------------------|------------------|
| Flammability        | Self Extinguishing         | ASTMD-635        |
| Abrasion Resistance | cs-17 wheels,              | Ave 24.0 mg loss |
| Taber abrader       | 2000gm. Load, 1000 cycles. |                  |
| Toxicity            | Non-Toxic.                 |                  |

**CHEMICAL RESISTANCE**

Federal Test Method  
STD-406 Method 7011

|                         |            |
|-------------------------|------------|
| Sulfuric Acid (10%)     | Good.      |
| Hydrochloric Acid (10%) | Good.      |
| Caustic (10%)           | Good.      |
| Urea                    | Excellent. |
| Cola syrup              | Excellent. |
| Coffee                  | Excellent. |
| Citric Acid             | Good.      |
| Clorox                  | Good.      |
| Cottage Cheese          | Excellent. |
| Gasoline                | Excellent. |
| Mustard                 | Excellent. |
| Salt Water              | Excellent. |
| Tide detergent          | Excellent. |

**MIXING RATIO:**

Mix two Parts of Base Part A to one Part Hardener by Volume. Mix 3 to 4 Minutes very thoroughly with Jiffy Mixer or Spatula and pour right away on the floor and spread it evenly with Brush, Roller or Trowel.

**APPLICATION:**

Use Roller, Trowel, Brush or Spray.