Polyset

Protective Coatings for
PERFORMANCE

CONCRETE COATING SYSTEMS

www.polyset.com

Polyset offers a full line of high performance coating systems including:

▸ EPOXIES ▸ URETHANES ▸ POLYASPARTICS ▸ POLYUREAS ▸ ACRYLICS

PLY-GUARD EP

- Two-component, 100% solids epoxy resin system
- Low viscosity and self-leveling
- Can be used as a primer, finish coat, aggregate binder, slurry coat, or epoxy mortar
- Outstanding balance of physical strength, flexibility, and chemical resistance
- Cures blush-free
- Exceptional troweling characteristics when used as a slurry
- Excellent clarity for use over color quartz aggregate and decorative architectural concrete
- Available in clear to 16 standard colors
- Available in medium viscosity liquid or non-sag paste, flexible epoxy Ply-Guard EP (Flex)

Applications: Manufacturing Facilities, Warehouses, Loading Docks, Correctional Facilities, Commercial Automotive Facilities, and Aircraft Hangers

PLY-GUARD EP (WB)

- Two-component, water-based epoxy system
- Very low odor
- Cures blush free
- Adheres tenaciously to a variety of substrates including damp or wet concrete
- Can be used as a primer under epoxy, polyurethane, and acrylic materials
- Available in clear to 16 standard colors

Applications: Warehouses and Factories, Automotive Repair Facilities, Residential Garages, and Commercial & Industrial Maintenance Applications

PLY-GUARD TC

- Two-component, high solids aliphatic polyurethane
- Produces a protective film that is hard, yet flexible, and very impact resistant
- High abrasion resistance
- Excellent resistance to a broad range of chemicals
- Available with a UV stabilizer package for exterior applications
- Available in clear to 16 standard colors (custom color-tinting available)

Applications: Clean-Room Floors, Automotive Repair Facilities, Aircraft Hangers, and High-Wear Areas Requiring Resistance to Fuel and Chemicals

PLY-GUARD AS

- Two-component, polyaspartic (aliphatic polyurea) coating system
- Excellent adhesion direct to concrete, steel, and fiberglass
- Superior color and gloss retention (UV resistant)
- High abrasion, impact, and wear resistance
- Very good corrosion, chemical, and UV resistance
- Fast-curing (dry in 45 minutes @ 77°F/25°C)
- Low temperature cure (as low as -30°F/-34°C)
- Walk-on time: 1-2 hours / Drive-on time: 6-12 hours
- Low VOC (0 VOC formulation also available)
- Designed for both interior or exterior applications
- Available in clear to 16 standard colors (custom color-tinting available)

Applications: Commercial/Industrial Flooring, Swimming Pool Decks, Storage Tanks, Bridges, Railcar, Pipelines, and Marine

PLY-GUARD UR

- Two-Component, 100% solids polyurea coating system
- Flexible, yet tough elastomeric membrane
- Excellent adhesion to concrete, steel, and fiberglass
- Moisture resistant
- Odorless
- Good thermal stability
- Designed for both interior or exterior applications
- Available in Fast-Set, Slow-Gel or Aluminized versions
- 0 VOC
- Available in clear to 10 standard colors

Applications: Pipelines, Flooring and Parking Decks, Storage Tanks, Railcar, and Marine

PLY-GUARD UC (SL)

- Flowable polyurethane mortar
- Impact and abrasion resistant
- Unaffected by animal fats and most solvents
- Available with an anti-microbial additive that inhibits the growth of bacteria and micro-organisms
- Qualifies for LEED projects
- Low odor
- Moisture tolerant
- 0 VOC
- Rapid cure – return to service 12-24 hours after installation
- Available in 8 standard colors

Applications: School Locker Rooms / Showers, Food & Beverage Processing Industries, Commercial Kitchens, Chemical Processing, Pulp & Paper Plants, and Wastewater Treatment Facilities

POLYSET

65 Hudson Ave | PO Box 111, Mechanicville, NY 12118

518.664.6000 | coatings@polyset.comn | www.polyset.com