



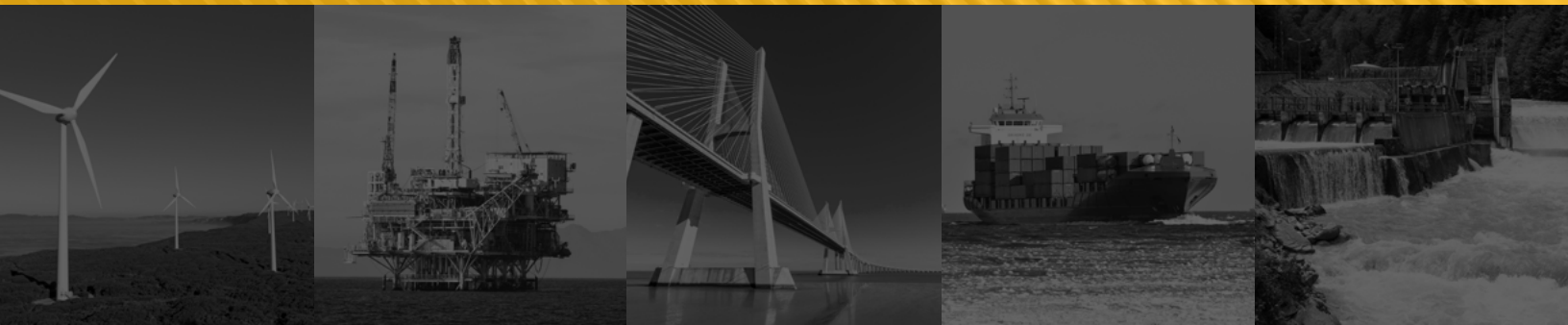
Protective Coatings for
PERFORMANCE

PROTECTIVE COATINGS

MARINE | OFFSHORE | BRIDGES | HYDRO | WIND



www.polyset.com



Polyset is the original commercial manufacturer of WB HRZS® - the previously NASA-patented coating technology IC 531.

WB HRZS® is a 100% WaterBorne, High Ratio Zinc Silicate that delivers unparalleled protection for steel in the harshest marine and offshore environments. It provides excellent corrosion protection (both galvanic and cathodic), has high heat and abrasion resistance, is completely self-curing, and is 0 VOC. WB HRZS® can be used as a Single Coat System, Primer, or Pre-Construction Primer and topcoated with various options.

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

- ▶ POLYASPARTICS
- ▶ POLYSILOXANES
- ▶ POLYUREAS
- ▶ NON-SKIDS
- ▶ MASTIC EPOXIES
- ▶ ACRYLICS
- ▶ URETHANES



WB HRZS® SINGLE COAT SYSTEM

- Two-Component, 100% WaterBorne, High Ratio Zinc Silicate (Inorganic)
- Color: Gray
- Excellent adhesion to steel (chemical bond)
- Provides both cathodic and galvanic corrosion protection
- Fast-curing (dry in 30 minutes @ 77°F/25°C)
- High heat (400°C) and abrasion resistance
- Hard fouling resistance properties
- 0 VOC
- Designed for both interior or exterior applications
- Can be used as a Single Coat System, Primer, or Pre-Construction Primer

APPLICATIONS: Marine, Energy (Offshore Oil/Wind, Hydro), Railcars, Bridges, Pipelines, and Storage Tanks

PLY-GUARD PSC8

- Two-Component, Polysiloxane Coating System
- Color: Available in all standard colors
- High solids (95%)
- Excellent corrosion and chemical resistance
- Superior color and gloss retention
- High abrasion resistance
- Fast-curing (dry in 2 hours @ 77°F/25°C)
- Low VOC
- Designed for both interior or exterior applications
- Can be applied as topcoat over WB HRZS® Primer on steel surfaces

APPLICATIONS: Marine, Offshore, Petrochemical, Railcars, Bridges, and Storage Tanks

PLY-GUARD AS

- Two-Component, Polyaspartic (Aliphatic Polyurea) Coating System
- Color: Available in all standard colors
- Excellent adhesion direct to concrete, steel, and fiberglass
- Superior color and gloss retention
- 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: 3-6 hours
- Low VOC (0 VOC formulation also available)
- Designed for both interior or exterior applications
- Can be applied as topcoat over WB HRZS® Primer on steel surfaces

APPLICATIONS: Commercial/Industrial Flooring, Swimming Pools, Storage Tanks, Bridges, Railcar, Pipelines, and Marine

PLY-GUARD NS

- Two-Component, Non-Skid Epoxy Coating System
- Excellent film-build properties
- Non-slip surface
- High chemical and corrosion resistance
- Excellent edge retention
- Can be applied direct to concrete or steel
- When applied over WB HRZS® Primer on steel surfaces, an epoxy mist coat is recommended

APPLICATIONS: Anywhere heavy vehicle traffic or pedestrian traffic non-slip decking surfaces are needed

PLY-GUARD UR

- Two-Component, Polyurea Coating System
- Colors: Available in all standard colors
- 100% solids
- Flexible, yet tough elastomeric membrane
- Excellent adhesion to concrete, steel, fiberglass
- Moisture resistant
- Odorless
- Good thermal stability
- Designed for both interior or exterior applications
- Available in Fast-Set or Slow-Gel
- 0 VOC
- Can be applied as topcoat over WB HRZS® Primer

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

PLY-GUARD UR

- Two-Component, Mastic Epoxy Coating System
- Excellent chemical resistance
- Low VOC content
- Fast-drying
- Excellent adhesion to steel and concrete
- Excellent edge retention
- Can be used direct to substrate or as topcoat over WB HRZS® Primer on steel surfaces

APPLICATIONS: Marine, Bridges, and Pipelines



POLYSET

65 Hudson Ave | PO Box 111, Mechanicville, NY 12118
518.664.6000 | coatings@polyset.com | www.polyset.com

