

# POLYMER CONCRETES

## **ATLAS® POLYMER CONCRETES OFFER:**

- **Excellent Chemical Resistance**
- **Low Water Absorption**
- **High Physical Strengths**
- **Easy Installation**
- **Rapid Cure**

**Designed for service in areas subject to chemical and mechanical abuse...Floors, Pump Pads, Equipment Bases, Trenches, Tanks, Sumps, Etc.**

Polymer Concretes offer many advantages over conventional Portland cement concretes which suffer from some inherent disadvantages. These include limited physical strengths and impact resistance, susceptibility to freeze-thaw cycling, high water absorption rates, long curing times and vulnerability to corrosive attack. The physical strengths of Polymer Concretes are superior to Portland cement concrete allowing the material to resist chipping in areas subject to mechanical impact and heavy traffic. Since Polymer Concrete absorbs a negligible amount of water, cracking and spalling are eliminated when exposed to freeze-thaw conditions. Polymer Concrete's extremely rapid cure time results in significant reductions in plant or equipment downtime.

Polymer Concretes can eliminate the need for protective systems over concrete and provide slabs, walls, trenches, and other constructions with inherent resistance to corrosion.



# atlas

**Atlas Minerals & Chemicals, Inc.**

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## ATLASTACRETE® E ATLASTACRETE® E LT

- Epoxy Resin Based
- Low Temperature Formulation Cures Down to 34°F (1°C)

## ATLASTACRETE® E-5000

- Hybrid Epoxy Resin Based
- Moisture-Tolerant – Cures on Damp Surfaces
- Cures at temperatures as low as 40°F (4°C)

## ATLASTACRETE® SR

- Epoxy Novolac Resin Based
- Excellent Chemical Resistance to 98% Sulfuric Acid, 40% Nitric Acid, and Organic Solvents
- Temperature Resistance up to 200°F (93°C)

## ATLASTACRETE® F

- Furfuryl Alcohol Resin Based
- Temperature Resistance up to 350°F (177°C)
- Chemical Resistance to a Broad Range of Acids and Solvents

## ATLASTACRETE® VE

- Novolac Vinyl Ester Resin Based
- Chemical Resistance to 40% Nitric Acid and Sodium Hypochlorite Solutions

## REZKLAD® A-3000

- Portland Cement, Acrylic Latex Based
- Excellent Concrete Repair and Resloping Material
- Certified for use in USDA Inspected Facilities

**ATLAS maintains a technical service staff which will be happy to send you additional information or discuss your Polymer Concrete needs. Individual Data Sheets for all products described are available upon request.**

The logo for Atlas Minerals & Chemicals, Inc. features the word "atlas" in a bold, red, lowercase sans-serif font. The letters are closely spaced, and the 'a' and 't' have a distinctive shape.

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