

# *PolySpec*<sup>®</sup> **THIOKOL**<sup>®</sup>



**THIOKOL**<sup>®</sup>

**NovoRez**<sup>®</sup>

**TuffRez**<sup>®</sup>

**PermaRez**<sup>®</sup>

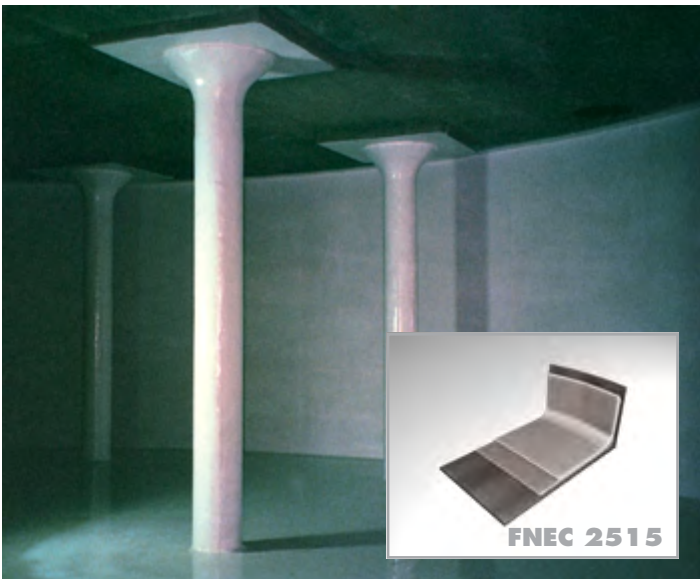
**FlakeRez**<sup>®</sup>

*High Performance Coating and Flooring Systems*

# High Performance Coating Systems

## PRIMARY & SECONDARY CONTAINMENT

The name **THIOKOL®** has long been synonymous with elastomeric polysulfide based coatings that offer long-term protection. The advantages of coatings and sealants formulated with liquid polysulfide polymers derive from their excellent UV resistance, weatherability, chemical resistance and thermal stability.



**PolySpec®** continues to improve the **THIOKOL®** product line to include coatings that are resistant to even more aggressive chemicals. These chemical resistant coatings offer long term protection from intermittent and continuous exposures to acids, caustics, solvents and fuels.

**THIOKOL®** coatings are now being used extensively for primary containment such as chemical process and storage tanks, underground and aboveground fuel storage tanks and concrete sumps.

Because of their crack-bridging ability they are also ideal for use in secondary containment concrete dikes.

**THIOKOL® FNEC**  
Flexible Novolac  
Epoxy Coating

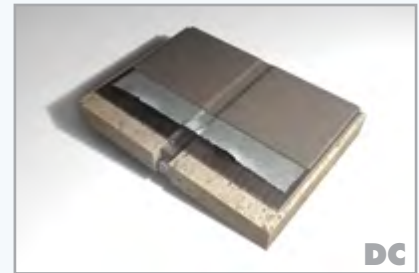
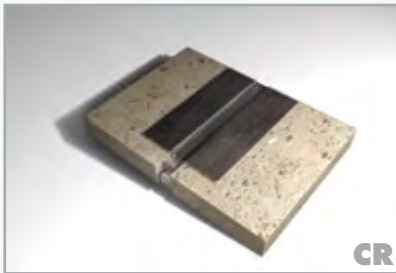
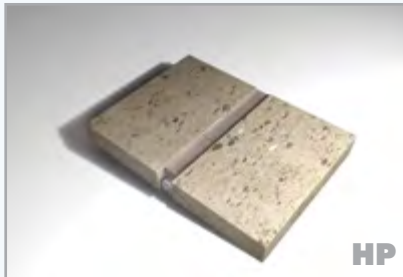
**THIOKOL® FEC**  
Flexible Epoxy Coating

**THIOKOL® RLP**  
Reinforced Liquid  
Polysulfide

# High Performance Sealant Systems

## CHEMICAL CONTAINMENT EXPANSION JOINT SYSTEM

*THIOKOL® high performance and chemical resistant sealant systems provide versatile expansion joint applications for the construction industry.*



THIOKOL® sealants have been developed for aggressive chemical and fuel containment areas. These chemical resistant sealant systems offer long-term protection from intermittent and continuous exposures to organic and inorganic acids, caustics, solvents and fuels.

These sealants are used in a wide variety of applications including parking and bridge decks, reservoirs and canals, tank chimes and warehouse floors.

PolySpec's THIOKOL® sealants optimize adhesion, elongation and chemical resistance to

provide unsurpassed protection in expansion joint applications.

**THIOKOL® HP**  
High Performance  
Sealant System

**THIOKOL® CR**  
Chemical Resistant  
Sealant System

**THIOKOL® DC**  
Dual Containment  
Sealant System

# High Performance Sealant Systems

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# Chemical Resistant Containment Systems

## CHEMICAL PROCESSING

*Unsurpassed concrete protection and chemical containment in the electronics, chemical processing, waste treatment and related industries.*



**FlakeRez®** chemical resistant barrier coatings are intended for use in severe immersion or splash/spillage conditions such as tank linings, structural steel and secondary containment. These vinyl ester and polyester coatings utilize overlapping flake technology for increased resistance to vapor transmission.

**NovoRez®** coatings uniquely combine epoxy novolac and polysulfide technology. This results in high acid, caustic and solvent resistance along with elastomeric qualities for steel and concrete substrates. Typical applications include oil field tank linings, secondary containment, chemical process floor areas and hazardous waste facility flooring.

**PermaRez®** reinforced composite lining systems are intended for the severest immersion conditions. They offer the advantages of outstanding chemical resistance, low coefficient of expansion and high tensile strength. This seamless lining system provides a surface that is impermeable to chemicals yet weighs and costs significantly less than

acid-proof brick construction. This makes the system ideal for truck unloading areas, process floors, trenches and tanks.

### **NovoRez® 351**

Concrete Coating  
Acid Resistant

### **NovoRez® 353**

Steel Coating  
Acid Resistant

### **NovoRez® 360+**

Concrete Coating  
Solvent Resistant

### **NovoRez® 370**

Steel Coating  
Heat Resistant

### **FlakeRez®**

Polyester and  
Vinyl Ester Coatings  
Primary Containment

### **PermaRez®**

Reinforced  
Composite Lining Systems  
Extreme Immersion  
Conditions



# Seamless Flooring Systems

## INDUSTRIAL & COMMERCIAL

*From high gloss sheen to abrasion resistant, these floors are easily installed with the finish that you require.*



**TuffRez®** floors are durable polymeric systems designed for a wide range of applications. These systems combine aesthetics with functionality for high performance requirements in industrial, commercial and institutional sectors. Each **TuffRez®** flooring system is carefully formulated to be user friendly and environmentally compliant. They provide outstanding wear characteristics and high strength properties over concrete floors. All systems meet USDA, OSHA, LEED and EPA requirements.

**TuffRez® 200**  
Epoxy Topping Binder

**TuffRez® 201**  
Epoxy Floor Coating

**TuffRez® 201CC**  
Epoxy Coating UV Stable

**TuffRez® 211**  
Epoxy Coating  
Impact Resistant

**TuffRez® 235/236**  
Polyurethane Coating  
High Gloss

# Hygienic Polyurethane Concrete Flooring Systems

## PHARMACEUTICAL & FOOD PROCESSING

*The most versatile floors available. Ideal for food, pharmaceutical and chemical processing areas subjected to harsh chemicals, hot water, steam and bacteria exposure.*



Polyurethane concrete technology has been in existence for over forty years. **TuffRez®** polyurethane concrete systems provide unsurpassed thermal shock resistance and chemical protection in pharmaceutical, food and beverage plants.

**PolySpec®** can incorporate a performance antimicrobial, which inhibits the growth of bacteria, fungi, molds and mildew if so desired.

**TuffRez® HF**  
Polyurethane Topping  
Trowel Applied

**TuffRez® HQ**  
Polyurethane Topping  
Decorative Finish

**TuffRez® MF**  
Polyurethane Topping  
Self Leveling

Available with **Ultra-Fresh®**  
silver antimicrobial additive

# Experience • Integrity • Responsiveness

These are words we take seriously. We were founded on the principle of being attentive to customer needs. This is the basis for our existence and the reason for our success.

**PolySpec® THIOKOL®** is a leading brand of polymer coatings, linings, flooring and sealants for construction and corrosion protection in industrial, institutional, commercial and marine markets. We differentiate ourselves in the marketplace by providing rigorous, consistent product quality, unparalleled customer service and technical support. Our goal is to provide innovative solutions to customer needs.



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