

High Performance Coating & Flooring Systems



THIOKOL®

High Performance Coating Systems



Primary and 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® LPE
Liquid Polysulfide Epoxy

THIOKOL® RLP
Reinforced Liquid Polysulfide

THIOKOL®

High Performance Sealant Systems



HP

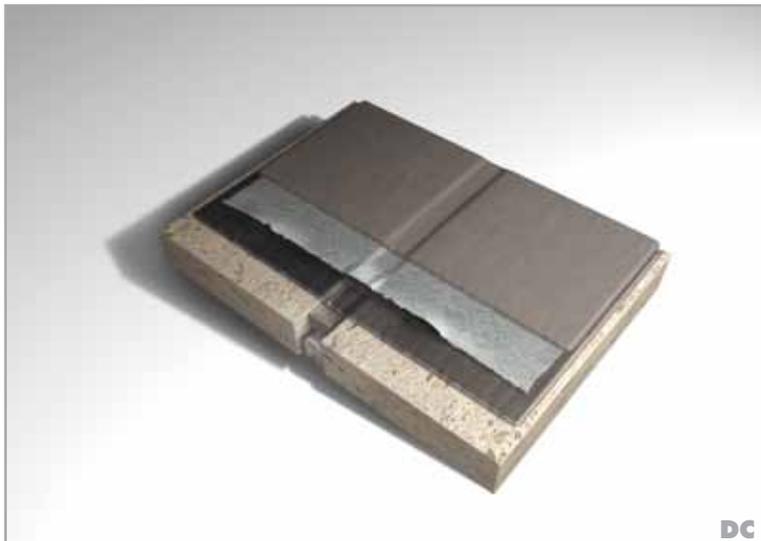


CR



Chemical Containment Expansion Joint Systems

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



DC

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*

NovoRez®



FlakeRez®



PermaRez®

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® 360

Concrete Coating

Solvent Resistant

FlakeRez®

Vinyl Ester Coating

Primary Containment

PermaRez®

Composite Lining

Extreme Immersion Conditions

TuffRez® Polymer Flooring Systems



Industrial and 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® 233AR

Polyurethane Coating

Abrasion Resistant

TuffRez® 235

Polyurethane Coating

High Gloss

TuffRez® Hygienic Polyurethane Concrete Flooring Systems



Pharmaceutical and 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 at PolySpec. Our company was founded on the principle of being attentive to customer needs. This is the basis for our existence and the reason for our success.

PolySpec is a leading manufacturer 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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