

# **TRI-CHEM**



**CORRECTIONAL GRADE  
FLOORING SYSTEMS**



Tri-Chem Corporation is a manufacturer and installer of high-quality, no VOC floor, wall, and shower systems that are durable, low-maintenance, and easy to work with.

Our expertise gives you the option to do the installation in three ways:

- In-house labor
- Assistance through our low, or no cost, training program
- Our contract, turn-key professional installation program

Save on labor costs by more than 50% allowing you to budget more square footage with same allocated budget!

Our sales staff and full-time chemist specialize in delivering one-on-one attention making sure your facilities needs are met. Our systems are made to overcome some of the toughest environments seen in jails, prisons, and correctional institutions. We also have a full line of industrial maintenance products, tools, and safety products.

No matter what you need for your facility, we have a product that will suit your requirements. We offer flooring systems that meet nearly every requirement, including:

- Cold temperature installation
- Fast turnaround
- Low odor
- Thermal shock resistance
- Extra heavy duty
- Waterproof
- Extreme pH & chemical resistance
- Puncture resistance

Benefits of Tri-Chem coatings and coverings:

- Seamless fluid-applied systems minimize the harboring of bacteria
- Easy to clean and outstanding lifecycle value
- Customizable in a variety of colors, blends and patterns or markings
- Quick curing for shortened downtime

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Before



After



With Tri-Chem's Floor & Wall Sealer, **144**, you can replace the need to strip and wax floors for 3–5 years!

144 is a water-based, polyaspartic sealer that is applied at approximately 5 mils thick. 144 offers a better gloss retention and abrasion-resistance over 100% solids epoxy.

144 allows you the ability to lightly sand and recoat when needed and avoid costly stripping and sealing of wax.

After 90 days of constant forklift traffic, the 144 retained its shine and showed no wear. It has also passed 14-hour tests against blood, iodine, and red sharpie.

### Drying Times

- Dry to touch in 1–3 hours
- Foot traffic in 8–10 hours
- Heavy traffic in 24 hours

### 144 is ideal for many jail and correctional applications:

- Lobby and booking areas
- Sally ports
- Bathrooms and showers
- Infirmaries and healthcare areas
- Kitchens and food prep
- Sealing VCT, terrazzo, quarry, ceramic, and asbestos tile
- Sealing over epoxy, latex paint, and other coatings
- Sealing block walls and bare concrete

### Benefits:

- Non-yellowing
- No VOCs—odorless
- Creates an graffiti-resistant surface
- Scratch- and stain-resistant
- Available in gloss and low luster
- Water-based

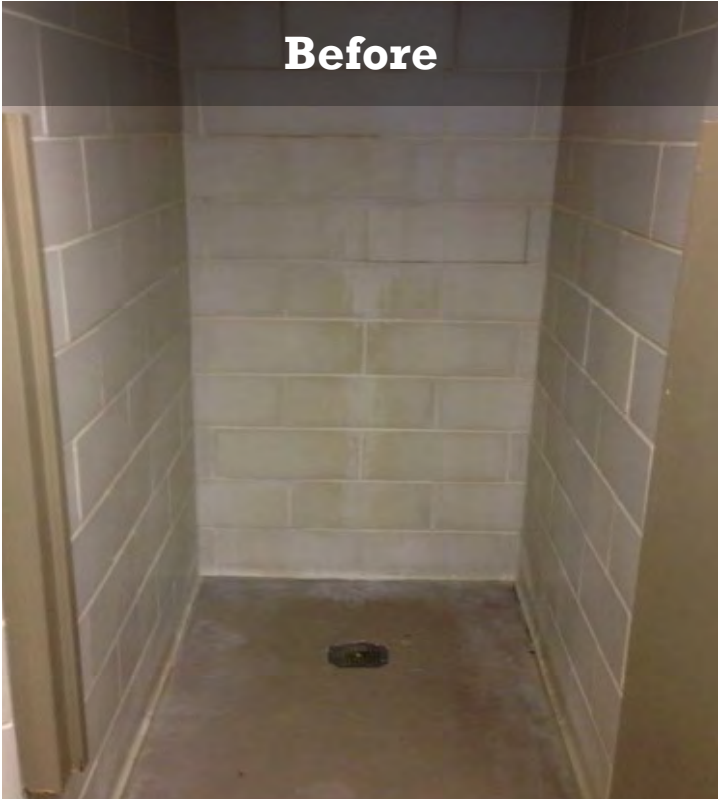


High Gloss



Low Luster



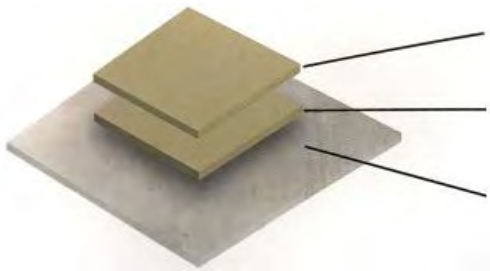
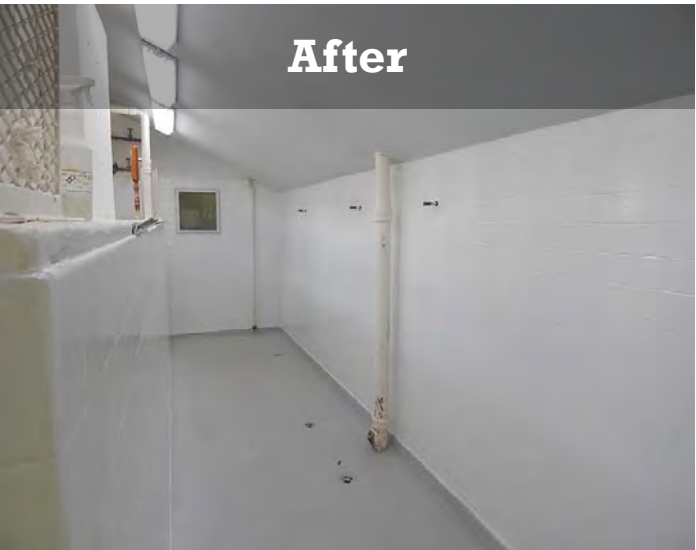


Flooring for shower areas must meet multiple requirements in order to provide a safe and sanitary environment. Tri-Chem's **100% Solids Epoxy** shower system bonds directly to concrete, block and tile providing little-to-no opportunity for mold to develop. These floors are resistant to urine and other bodily fluids, but can withstand harsh disinfectants that can damage lesser flooring

Customize your floor coatings with non-slip properties to meet your facility's safety needs.

**Benefits:**

- No VOCs—low odor
- Non-slip additives available
- DIY advantages—can lower labor costs by more than 50%
- Helps control vandalism
- Holds up to repeating cleaning/sanitizing
- USDA/FDA approved
- Available in 18 standard colors
- Highly chemical resistant



- |                   |                      |
|-------------------|----------------------|
| <b>Top Coat</b>   | Tri-Chem 144G        |
| <b>Body Coat</b>  | Tri-Chem Wall Sealer |
| <b>Prime Coat</b> | Tri-Chem Rock Primer |

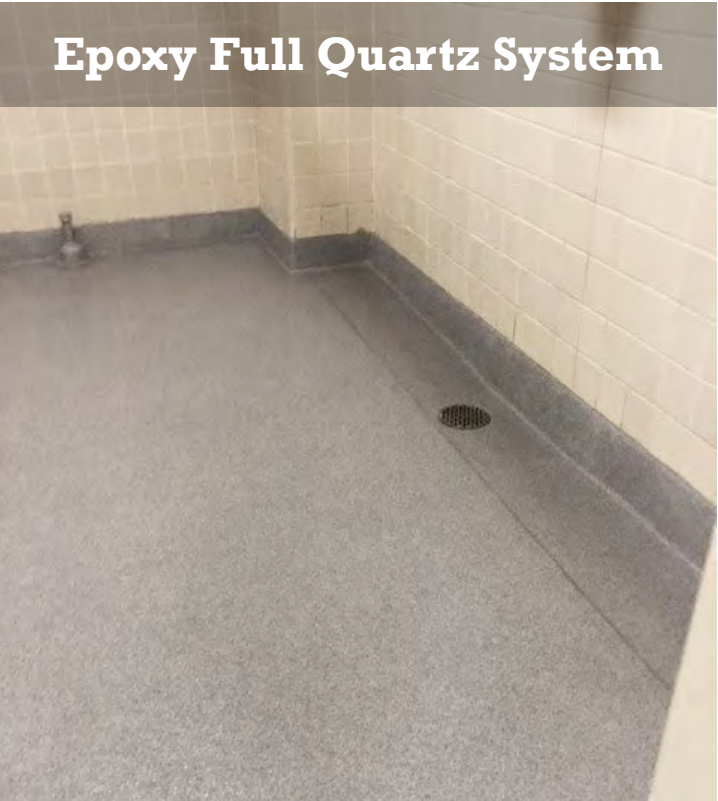
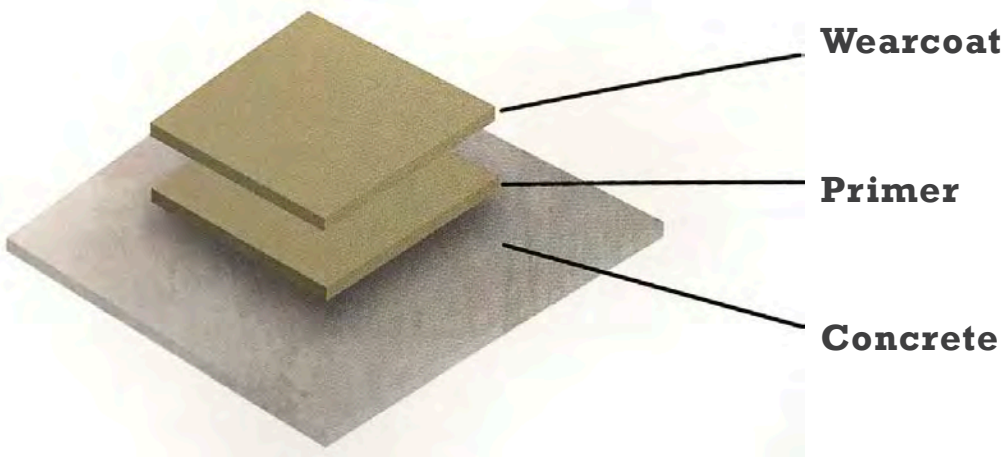


Tri-Chem's **100% Solids Epoxy Floor** is a super-strength coating and sealer for high traffic areas. It provides an abrasion-resistant surface and can be formulated to meet your facility's specific needs.

Tri-Chem's Epoxy also has many DIY advantages. It is pre-measured for ease of application, you can work within your own timelines, and cover as many square feet at a time as desired. This epoxy is ready for service in 24 hours, with fast-setting versions available reducing return-to-service time to just one hour.

**Benefits:**

- No VOCs—low odor
- Used to patch, prime, and seal
- USDA/FDA approved
- Optional sand additive for anti-slip
- Applied both vertical and horizontal
- Stands up to acids, alkalies, solvents, thermoshock, spills, and damage
- Dries to a high gloss finish
- Available in 18 standard colors







Tri-Chem's 100% Solids Epoxy Wall System, **DOC Coat**, is formulated for Prisons and Correctional Institutions across America. This product creates a long-lasting, low-maintenance vertical surface system. It replaces the need for acrylic and latex paints.

- Benefits:**
- 100% epoxy resin: no loss from evaporation and curing, reducing the need to recoat often
  - No VOCs—low odor
  - Low maintenance and easy to clean
  - Resists chemicals, impact, corrosion, and abrasion
  - Excellent for concrete, block walls, metal doors, bunks, and door trim

- Common Uses:**
- Washrooms
  - Dish tray areas
  - Containment Rooms
  - Shower and Bathrooms
  - Kitchen and Food Prep



Tri-Chem's Epoxy Polymer System, **377SL**, is a quick, return-to-service urethane mortar. By using high-grade urethane with our proprietary Portland compound, this flooring system achieves a high PSI rating in just hours as opposed to days.

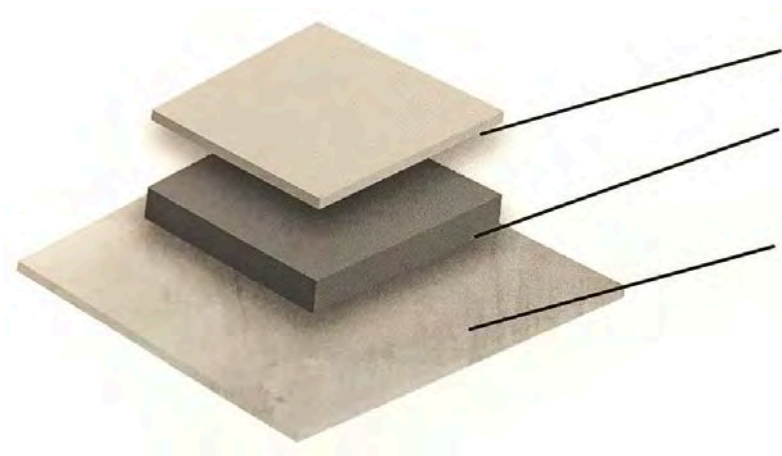
377SL will tolerate damp substrates during installation.

**Drying Times:**

- Foot traffic in 5–8 hours
- Cart traffic in 12–16 hours
- Heavy traffic in 24 hours

**Benefits:**

- USDA/FDA approved
- Holds up to acids and caustics
- Can be applied over newly poured concrete after seven days
- Available in 18 colors
- Most often used in kitchens, coolers, freezers, kettles, hot water wash-down areas, showers, loading docs, etc.
- Good for wet/thermal shock/temperature-changing areas



**Finish Top Coat**

**Body Coat**

**Concrete**



**Before**



**After**





**Stop-It** is a pipe repair system allowing you to patch live leaks without shutting the line down. It is ideal for repairing pipe leaks, reinforcing pipe joints, rebuilding thinning pipe walls, and corrosion proofing. It fully cures to a hard, durable repair in just 30 minutes, and even works underwater.

Stop-It can be used on any metal or plastic pipe including: steel, copper, aluminum, galvanized, black iron, stainless steel, PVC, CPVC, fiberglass, polyethylene, polypropylene, and even PVDF.

#### Sizes and colors:

- 2" x 4'
- 2" x 12'
- 4" x 12'
- 4" x 25'
- Available in black and white

#### Benefits:

- Stops leaks in minutes
- Works on any metal or plastic pipe, even underwater
- Withstands pressure to 400 PSI
- Withstands intermittent temperatures to 500°F
- Repair pipes up to 18 inches in diameter
- Fully cures to hard, durable repair in 30 minutes
- Patches live leaks without shutting pipes down
- Each kit comes with fiberglass tape, epoxy, latex gloves, and instructions







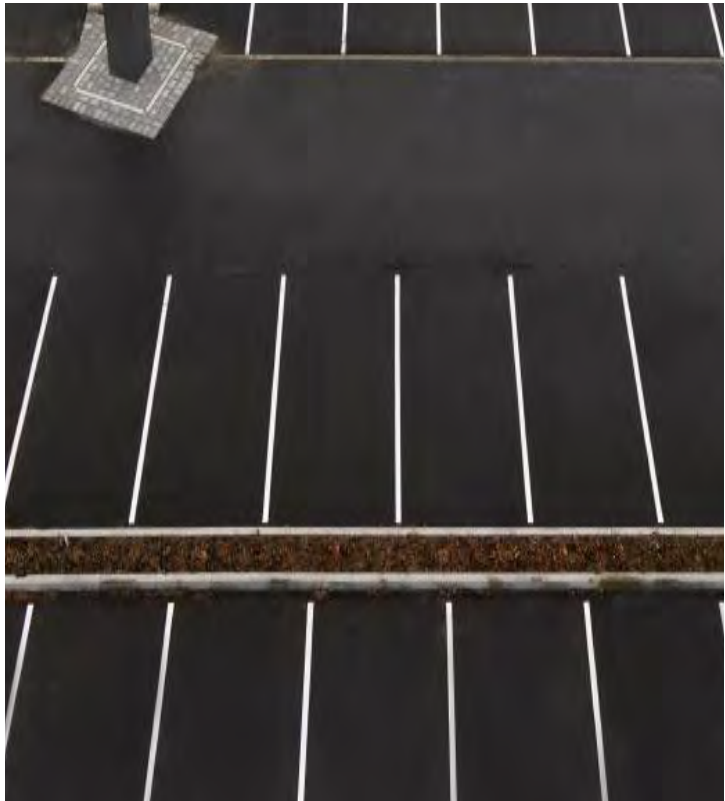
## Crack Gone Super

is used to seal cracks and joints on concrete and asphalt surfaces, or where structures meet sidewalks and/or driveways. Produces a tough, flexible membrane which reduces water intrusion.



**Repair** keeps your shipping/ loading areas, parking lots, drives and walks in safe repair year round. This all weather patching compound can be applied directly from the container, and will be immediately ready for heavy traffic.

**Top Coat** is an asphalt emulsion material specifically developed to seal hairline cracks and give new life and protection to asphalt areas. Used anywhere from driveways to industrial parking lots.



**Road Mark and Road Line** are traffic marking paints for concrete, brick, cured asphalt-surfaced roads, driveways, etc. Road Mark is solvent-based and highly reflective. Road Line is waterborne with low VOC's and is fast-drying. Road Line can be made reflective by adding glass beads.







**Tri-Ultra Cut Lines**

are recommended for use in work-hardening grades of stainless steel and other hard metal drilling application. Tri-Ultra Cut is tested and proven to outperform cobalt by 10 times.

Precision ground point, flutes, body, clearance, and drill diameter for the ultimate in accuracy and performance. The space age nitro-carburized steel withstands substantial higher drilling temperatures while maintaining sharpness.



**Benefits:**

- Measurably harder than high-speed steel
- Special Hi-Molybdenum tool steel
- 135° split point for fast penetration and accurate starting without a center punch
- Body and clearance are gold surface treated for maximum lubricity
- Drills are heat-treated at 2185°F then nitro-carburized finished at 950°F







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