SHOCK-CRETE
THE ULTIMATE THERMAL SHOCK RESISTANT FLOORING SYSTEM

- Withstands steam cleaning
- Low odor
- USDA compliant
- Anti-microbial
- Resistant to impact
SHOCK-CRETE™
POLYURETHANE TECHNOLOGY RESISTS THERMAL EXTREMES

Shock-Crete™ is the latest evolution in thermal-shock resistant floor systems, from Dudick - a leader in state-of-the-art high-performance coatings. This revolutionary flooring system incorporates state-of-the-art polyurethane technology specifically designed for areas in breweries and food processing plants constantly exposed to extreme thermal conditions, such as steam cleaning.

Shock-Crete™ not only prevents delamination caused by thermal shock, but it's also low odor, chemical and impact resistant, and cures rapidly. Shock-Crete™ complies with a variety of stringent government regulatory requirements for the food and beverage industry.

Dudick will work closely with you to recommend the right Shock-Crete™ flooring finish for your needs. And with our network of quality installers, you'll be assured that your floor will be installed expertly with minimal downtime.

SHOCK-CRETE™ TOUGHNESS PERFORMS:

• 1/4” - 3/8” thick self-priming aggregate filled, polyurethane floor topping.
• Seamless and monolithic.
• Thermal shock resistant from -120°F to +220°F.
• Can be steam cleaned daily.
• Absorbs impact without cracking or chipping, thereby preventing contamination and delamination.
• High chemical resistance to caustics, solvents and inorganic and organic acids, especially citric and lactic acid.
• Contains anti-microbial additives that inhibit the growth of bacteria and fungus.
• Low odor, non-toxic, non-tainting. Nearby work spaces can be kept in production during application.
• Less labor intensive – doesn’t require primers or sealers.
• Cures rapidly, even in cool areas, reducing downtime. Usable 12 hours after application.
• Textures available to suit specific needs.
• Replaces acid brick at a cost of 1/3 less.
• Agriculture and Agri-Food Canada approved.
• USDA compliant.
• Can be applied in a variety of textured finishes.
SHOCK-CRETE™ is ideal for these industries and applications:

- Pharmaceutical Production
- Breweries, Dairies and Beverage Plants
- Food Processing:
  - Wet corn milling
  - Starch
  - Fructose
  - Ethanol
- Meat Packaging Plants
- Loading Ramps
- Machine Shops
- Automotive Aisleways
- Pulp and Paper Mills

SERVICE IS OUR #1 PRIORITY

Since 1970, Dudick associates have been responding quickly and creatively to the specific flooring needs of our customers. Our chemists work closely with owners to create the exact product to suit their requirements.

Dudick also provides on-site field technicians to personally assist in the installation process. Our sales and marketing staff offers the best technical support in the industry. And our delivery record sets us apart from our competition.

At Dudick, we believe in giving our customers the best service and the right product for the job.

When the job calls for the toughest, thermal-shock resistant floor covering, it calls for Shock-Crete™ only from Dudick.
Dudick is Your “One Source” Supplier for All Your Polymer Needs

In addition to the Steri-Flor architectural line, Dudick Inc., offers a wide variety of corrosion control products that are high performance monolithic systems that provide chemical and abrasion resistance, crack bridging capabilities, low permeability and superior temperature resistance.

The corrosion resistant products are listed under the “Protecto” or “Polymer Alloy” name and are categorized under the following series:

- **Protecto-Glass**: Glass reinforced polymer systems designed to handle thermal expansion and chemical resistance while exhibiting low permeability.
- **Protecto-Flake**: Trowel applied, flake filled epoxy novolac or vinyl ester tank linings that are VOC and FDA compliant.
- **Protecto-Line**: Heavy duty woven roving reinforced, trowel applied polymer systems for abrasion resistance and crack bridging.
- **Protecto-Crete**: Trowel applied and broadcast, heavy duty chemical resistant floor topping systems.
- **Protecto-Coat**: Thin film epoxy, novolac or vinyl ester coatings that provide superior chemical resistance.
- **Polymer Alloy**: 100% solids, multi-functional, epoxy floor systems, available in semi-self leveling, broadcast or troweled versions.

Steri-Flor and Steri-Glass: Seamless, High-Performance Polymer-Systems

Designed for Biotech, Pharmaceutical, Food & Beverage, and Commercial Industries:

- **Steri-Flor**: A 100% solids, multifunctional, industrial broadcast or troweled floor system that resists impact, wear and abrasion in heavy traffic areas.
- **Steri-Quartz**: A 100% solids, quartz-filled, multifunctional, architectural floor system available in broadcast or trowel form, providing an attractive and durable finish.
- **Steri-Coat WB ESD**: A one-component, electrostatic dissipative, waterborne polyurethane floor coating system for interior use only.
- **Steri-Coat P**: A 100% solids, high-build novolac epoxy, multi-functional, pigmented wall and floor coating. It can also be used as a top coat for other Dudick floor systems.
- **Steri-Glass**: A 100% solids, epoxy, fiberglass reinforced, wall system intended for interior use only.

**Polymer Steel**: Designed for the Fast, Quality Repair of Eroded, Corroded, Worn and Damaged Metallic Surfaces.

- **Polymer Steel SG (Surfacing Grade)**: Polymer matrix abrasion-resistant coating designed to prevent erosion and corrosion.
- **Polymer Steel RG (Rebuild Grade)**: Heavy-consistency, non-slumping polymer designed to repair equipment damaged by wear and corrosion.
- **Polymer Steel EG (Emergency Grade)**: Fast-curing polymer, with the same consistency and physical properties as Polymer Steel RG, designed to effect equipment repairs in minutes.
- **Polymer Steel MG (Machinable Grade)**: Multi-functional, metal filled epoxy engineered to rebuild worn shafts, keyways, bearing housings, etc. Easily machined using conventional tools.

Dudick Systems are used in the following industries & applications:

**Chemical Process**
- Primary and secondary containment in process areas, bulk storage, industrial waste treatment dealing with acid or solvent containment.

**Pulp & Paper**
- Process vessels and process area floors
- Stock Chests
- “Wet” paper machine areas

**Electronics & Semi-Conductor**
- Fall line, clean rooms, bulk storage, process areas

**Oil & Gas**
- Exterior pipeline coatings, interior of process tanks and vessels

**Electric Utilities**
- Process area floors, protection in demineralized water areas, interior linings of process vessels
- Scrubbers
- Ductwork
- Stacks

**Pharmaceutical & Biotech**
- Process, production and packaging areas, secondary containment
- Clean rooms
- Primary tank storage
- Animal research

**Metal Finishing**
- Plating and pickling line areas, bulk storage, primary and secondary containments, process area floors, pits and trenches

**Food**
- Process and production areas, primary and secondary containment

**Commercial & Institutional**
- Hallways, walkways, lobbies
- Kitchens, laboratories, warehouses, loading docks
- Showers, locker areas, classrooms

Quality Surface Protection since 1970

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Superior performance through service & technology