



Concrete Restoration and Grouts





ChemMasters Concrete Restoration and Grouts

ChemMasters has developed a broad line of chemistries for our state-of-the-art repair mortars, self-levelers and grouts. Each has been meticulously crafted and manufactured to exceed industry standards for durability and performance.

Our extensive product line meets most architectural and engineering specifications, allowing specifiers and contractors the ability to choose materials best suited for their specific application. Available chemistries include:

Cementitious - Portland cement-based products with a wide variety of performance characteristics. Cementitious products are valued for their user friendliness, compatibility with existing concrete substrates, and cost efficiency.

- Compressive strengths from 3,500 to 10,000 psi
- Set times from minutes to hours
- Minimum temperature requirements of 20° and above
- Available as grouts, self-levelers repair mortars for horizontal, vertical and overhead applications, including multi-functional products

Epoxy - Epoxy based products offer enhanced substrate adhesion with exceptional compressive, chemical, impact and abrasion resistance properties.

- Compressive strengths to 14,000 psi
- High early strengths and rapid cure
- Exceptionally freeze/thaw durable and highly resistant to impact and dynamic loads
- Resistant to a wide variety of acids, solvents and other chemical exposures
- Available as grouts and horizontal repair mortars

Methyl Methacrylate (MMA) - Methyl Methacrylate chemistries will cure quickly in temperatures to -10°F (-23°C) for quick turnaround and unmatched cold weather repairs and installations, while offering high compressive strengths, chemical resistance.

- Compressive strengths to 9,500 psi
- High early strengths and very rapid cure
- Cures in temperatures to -10°F (-23°C)
- Exceptionally freeze/thaw durable and highly resistant to impact and dynamic loads
- Resistant to a wide variety of acids, solvents and other chemical exposures
- Available as grouts and horizontal repair mortars



*Select from the following ChemMasters concrete restoration products, grouts and self-levelers, or call our Technical Service Department at **1-800-486-7866** to discuss your application.*



Horizontal Repairs

Durapatch™ MMA

Very high strength, chemical resistant methyl methacrylate patching mortar. Cures in low temperatures.

Durapatch™ EPX

Very high strength, chemical resistant epoxy patching mortar.

ChemSpeed™ 65

Rapid setting, high strength, polymer modified highway or industrial horizontal patching material. Can be extended with up to 50% pea gravel for deep patching. *Specifications: ASTM C928, R3*

ChemSpeed™ 75 ES

One component, extended set "summer grade," high performance mortar with high early strength for structural repair and form & pour applications.

ChemSpeed™ 75

One component, rapid setting "winter grade," high performance mortar with high early strength for structural repair and form & pour applications.

ChemPatch™ RS

One component, rapid setting multi-functional repair mortar for a wide variety of horizontal, vertical and overhead repairs.

SpeedPatch™ XL

Fast setting, gypsum free patching compound with superior freeze/thaw durability. Shavable after initial set. Color similar to standard concrete.

FeatherPatch™

One component, fast setting, high strength, polymer modified patching material for horizontal repairs up to 1 inch depth.

ChemMasters Thin Patch

One component, polymer modified, multipurpose repair mortar designed for thin repairs to horizontal, vertical and overhead concrete. Color similar to standard concrete.

ChemMix™

Concrete mix and patching product designed to provide all the performance, workability and cosmetics of ready mix concrete.

Form & Pour/Pump

ChemPatch™ Form & Pour

One component, shrinkage compensated, cementitious fiber reinforced and added corrosion inhibitor (CI) for added protection of rebar and structural steel. Excellent flow and pumping characteristics, suitable for large scale form and pour/pump applications.

Vertical & Overhead Repairs

ChemPatch™ VO1

One component, polymer modified, high strength, fast setting, non-shrink repair mortar with fiber and corrosion inhibitor for deep vertical and overhead structural repairs.

ChemPatch™ Fast VO

One component, polymer modified, shrinkage compensated, very fast setting, non-shrink repair mortar with fibers and corrosion inhibitor.

SpeedPatch™ XL

Fast setting, gypsum free patching compound with superior freeze/thaw durability. Shavable after initial set. Color similar to standard concrete.

Hydraulic Cement/Plug

ChemPlug™ Fast

Fast setting expansive hydraulic cement compounded to withstand continual exposure to water and pressure.

ChemPlug™ Slow

Slow setting expansive hydraulic cement compounded to withstand continual exposure to water and pressure.

ChemPlug™

Standard setting expansive hydraulic cement compounded to withstand continual exposure to water and pressure.

Rubbing & Resurfacing

ChemRub

Rubbing and resurfacing compound for vertical and overhead concrete. Color similar to standard concrete.

FinishCrete™ Hot Weather

Hot weather formula, thin resurfacer and block filler for vertical and overhead applications. Spray, trowel or roller apply to create decorative finishes.

Bonding Agents

Duraguard™ 100

100% solids epoxy bonding agent.

Cretelox™

Acrylic integral bonding additive and performance enhancing modifier for thin concrete and dampproof coatings.

Specifications: ASTM C1059, Type II; ASTM C1438, Type II

Polyweld™

Bonding agent for concrete and plaster, rewettable one time.

Specifications: ASTM C1059, Type I

Level Top™ Primer

Primer for Level Top™ and Level Top™ Supreme self levelers.

Self-Levelers

Level Top™

Self leveling, pumpable, gypsum free underlayment.

Level Top™ Supreme

Self leveling, pumpable, gypsum free overlayment. Polishable.

Level Top™ Supreme White

Self leveling, pumpable, gypsum free white overlayment. Light reflective. Can be polished, dyed and pigmented to create decorative appearances.

Level Top™ Primer

Primer for Level Top™ and Level Top™ Supreme self levelers.

Cementitious Construction Grouts

Conset™ Grout-XT

Non-shrink, high performance construction grade grout with superior flow characteristics at installation temperature X-tremes. *Specifications: ASTM C1107; CRD C 621 92*

Conset™ Grout NY

Non-shrink construction grade grout for NY State DOT projects. *Specifications: ASTM C1107; CRD C 621 92*

Conset™ Grout

Non-shrink construction grade grout. *Specifications: ASTM C1107; CRD C 621 92*

Specialty Grouts

Met-Ox™ Grout

Non-shrink, non-catalyzed metallic precision grout. *Specifications: ASTM C1107; CRD C 621 92*

Kemset™ Grout

Non-shrink, non-metallic high strength precision grout. *Specifications: ASTM C1107; CRD C 621 92*

Gorilla Grout™

Non-shrink, non-metallic, very high strength precision grout. *Specifications: ASTM C1107; CRD C 621 92*

Cable Grout

Non-shrink high performance, zero bleed, sand free grout for post tensioned structures.

Polytops™ MMA Grout

Extremely high strength methyl methacrylate grout cures at temperatures below freezing.

Polytops™ CR Grout

High strength, chemical resistant, three component epoxy grout.

Polytops™ GC Grout

High strength, general construction grade, three component epoxy grout.



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