



PRODUCT SELECTOR

GEMITE GROUP OF COMPANIES

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Associated Companies Worldwide

www.gemite.com

PRODUCT SELECTOR

CONCRETE RESTORATION & PROTECTION

Fibre-Patch = Hand Applied Repair Mortars

| PRODUCT | USES |
|--|---|
| Fibre-Prime Two components, polymer-modified cementitious slurry (primer) enhanced with migrating corrosion inhibitors to protect anode and cathode corrosion sites. <i>Two Component Kit.</i> | Anti-Corrosion Primer prevents further corrosion of reinforcing steel. Excellent Bonding Bridge for overhead and vertical application of repair mortar, shotcrete and plasters. |
| Fibre-Patch ST (Horizontal) One component, polymer modified, fiber-reinforced and microsilica enhanced horizontal patching mortar. <i>Premix or Concentrate.</i> | Hand Applied Structural Repair Mortar for Horizontal application where uneven (“thin to thick”) sections, 6 – 100 mm (1/4 – 4 in), are required. |
| Fibre-Patch OV (Overhead & Vertical) One component, polymer-modified, fiber-reinforced and microsilica enhanced patching mortar. <i>Premix.</i> | Hand Applied Structural Repair Mortar for Vertical & Overhead applications where uneven (“thin to thick”) sections, 6-100 mm (1/4”-4”), are required. |
| Fibre-Patch OV Lite (Lightweight) One component, Lightweight, polymer-modified, fiber-reinforced and microsilica enhanced patching mortar. <i>Premix.</i> | Lightweight Hand Applied Mortar for Vertical & Overhead concrete restoration (re-profiling). Can be applied 6 – 100 mm (1/4 - 4 in). |
| Fibre-Patch RM ST (Standard) One component, non-metallic, fiber-reinforced, polymer-modified, microsilica enhanced grout. <i>Premix or Concentrate.</i> | Structural Grout, Hand or Machine (Pump) Applied into a Formed cavity. Used for concrete restoration and machine and utility grouting. |
| Fibre-Patch WP (Water Plug) One component very Fast Set (5 min) Water Plug. <i>Premix.</i> | Stops Active Water Flow prior to application of patching and waterproofing materials. |

SHOTCRETE (GUNITE)

Spray-Con = Machine Applied Concrete Repair Mortars

| PRODUCT | USES |
|--|--|
| Spray-Con WS ST (Standard) One component, fiber-reinforced, microsilica enhanced, Wet Shotcrete. PLUS is Polymer-modified. <i>Premix or Concentrate.</i> | Machine Applied Wet Shotcrete Vertical and overhead restoration of concrete. Applied “thin to thick”, 6 - 100 mm (1/4 - 4 in). |
| Spray-Con DS ST (Standard) One component, fiber-reinforced, microsilica enhanced Dry Shotcrete. <i>Premix or Concentrate.</i> | Machine Applied Dry Shotcrete For vertical and overhead applications (water mixed in at the nozzle) |

CONCRETE SEALERS & DAMPROOFING

Gem-Gard = Water-repellent Reactive Sealers

| PRODUCT | USES |
|---|--|
| Gem-Gard SX/SL Clear ST & Plus Oligomeric Siloxane, or Silane based chemically reactive waterproofing sealer for horizontal surfaces. <i>Pail or Drum.</i> | Spray Applied Penetrating Reactive Water-repellent Sealer protects concrete bridge & parking decks against chloride and freeze-thaw damage. Fully breathable. |
| Gem-Gard SX WB (Water borne) Water borne Siloxane based clear chemically reactive waterproofing sealer for horizontal surfaces. <i>Pail or Drum.</i> | Waterborne Spray Applied Penetrating Water-repellent Sealer ecologically protects concrete bridge decks and parking garages against chloride and freeze-thaw damage. Fully breathable. |
| Gem-Gard Stain OP (formerly Rain-Shield Stain OP SB) Premixed, pigmented, penetrating, breathable, methylmethacrylate base, water repellent stain. Bites extra deep to form a stronger bond for extra long life. <i>Pail or Drum.</i> | Hand or Spray Applied Pigmented Solvent borne Sealer for Above Grade Walls. Provides uniform color & damproofing for architectural, exposed aggregate and bush hammered concrete, brick, precast panel, block & stucco. Prevents efflorescence. |
| Gem-Gard OS (Organo-Silicate) ST Hydrophobic organo-silicate based, deep penetrating sealer for concrete. <i>Pail</i> | Hand or Spray Applied Penetrating, Clear Sealer for protection of concrete structures against water and salt. |
| Gem-Gard SX-MB (Siloxane-Metacrylate) Hydrophobic penetrating & Film forming sealer. <i>Pail or Drum</i> | Hand or Spray Applied Penetrating, Clear Sealer; a combination of film-forming methyl-metacrylate and deep penetrating hydrophobic siloxane. |

TRAFFIC TOPPINGS

Gem-Crete = Thin Waterproofing Overlays / Traffic Toppings

| PRODUCT | USES |
|---|--|
| Gem-Crete HDO (Heavy-Duty Overlay) One component, fiber-reinforced, microsilica enhanced high performance mortar / topping. <i>Premix or Concentrate.</i> | Hand or Machine Applied (Screed), 12 – 25 mm (½ – 1 in), Waterproofing Traffic Bearing Overlay for bridge & parking decks, port & wharf docks and airfield aprons & runways. |
| Gem-Crete TO (Thin Overlay) One component, polymer-modified, fiber-reinforced, microsilica enhanced high performance mortar. <i>Premix.</i> | Spreader, Spray or Squeegee applied , 3 – 6 mm (1/8 – ¼ in), thin overlay for Repair & Waterproofing of parking decks and concrete surfaces with medium traffic. |
| Gem-Crete CR (Chemically Resistant) One component, fibre-reinforced, high level of microsilica enhanced mortar/topping. <i>Premix or Concentrate.</i> | Hand or Machine Applied (Screed); 12-25 mm (1/2 – 1 in); floor surface repair, waterproofing topping in chemical plants. Prevents penetration of organic chemicals. |
| Gem-Crete HF (High-Flow) ST Heavy duty, two component, exterior Thin Topping. <i>Premix</i> | Spreader, Spray or Squeegee applied A thin, 1/16" - ¼" overlay for repair of concrete & asphalt decks, patios & other horizontal surfaces. High-impact & abrasion resistant. |
| Crack Treatment Kit (for Gem-Crete HF & TO) Two-component polymer modified cement composition and Reinforcing Fabric LW. <i>Bag and container</i> | Used for sealing cracks prior to application of Gem-Crete HF ST and Gem-Crete TO ST. |

CEMENTITIOUS WATERPROOFING (Crystalline & Membrane)

Cem-Kote = Waterproofing Cementitious Coatings

| PRODUCT | USES |
|---|---|
| Cem-Kote ST (Standard) One component, polymer-modified cement based coating. <i>Premix.</i> | Hand or Spray Applied Protective & Waterproofing Coating Provides uniform appearance for existing & repaired concrete and as a protective and waterproof coating over shotcrete. |
| Cem-Kote PLUS One component, polymer-modified, microsilica enhanced, cement based coating. <i>Premix.</i> | Hand Applied (Negative or Positive) Waterproofing Membrane For concrete tanks and tunnels even under hydrostatic pressure. |
| Cem-Kote CW PLUS (Crystalline waterproofing) ANSI/NSF Standard 61 Potable Water Approval One component, Capillary in-depth waterproofing coating. Converts free lime into non-soluble silicate crystals. <i>Premix.</i> | Hand or Machine Applied (Negative or Positive) Waterproofing For concrete tanks and tunnels. Seals cracks up to 0.3 mm. |
| Cem-Kote Flex ST (Standard) ANSI/NSF Standard 61 Potable Water Approval Two components, polymer-modified elastomeric (flexible) cement based coating. <i>Two Component Kit.</i> | Hand or Spray Applied Flexible Waterproofing (Negative & Positive) Coating for wastewater treatment facilities and concrete tanks and tunnels. |
| Cem-Kote Flex PLUS (Crack Treatment) Two components, polymer-modified, highly elastomeric (flexible) cement based coating. <i>Two Component Kit.</i> | Hand or Spray Applied Flexible Waterproofing (Negative & Positive) Coating for crack treatment in low temperatures and where a superior flexibility is required. <i>Spans moving cracks.</i> |
| Cem-Kote Barrier Coat 100 Two components, polymer-modified, high strength and abrasion resistant polymer cement coating. <i>Two Component Kit</i> | Hand or Spray Applied Waterproofing, High Abrasion Resistant, Dense Coating. It is also used as bonding agent for Gem-Crete HDO, CR and concrete. |
| Cem-Kote Flex TC (Thin Coat) Two components, polymer-modified, elastomeric (flexible) cement based thin coating. <i>Two Component Kit.</i> | Hand or Spray Applied Thin (40 mils) Waterproofing Coating. Used for swimming pools and protection of concrete subject to carbonation and AAR attack. |
| Cem-Kote Flex CR (Chemical Resistant) Two components, polymer-modified, chemical resistant, elastomeric (flexible) cementitious coating. <i>Two Component Kit.</i> | Chemical Resistive, Hand or Spray Applied, Flexible Waterproofing Membrane / Coating for industrial applications subject to short-term High Acid & High Alkali Exposure. |
| Reinforcing Fabric HD (Heavy-Duty) Woven polymeric reinforcing fabric. <i>Roll 25 or 99 cm wide.</i> | Hand Applied Reinforcing Fabric specifically designed to fortify crack spanning ability of Cem-Kote Flex materials |

FLOOR TOPPINGS

Sure-Flo = Self-leveling Floor Underlayment or Finished Floor

| PRODUCT | USES |
|---|---|
| Sure-Flo ST and ST Concentrate Self-leveling cement based floor mortar. <i>Premix or Concentrate.</i> | Hand or Pump Applied Self-leveling Underlayment Leveling of cast-in-place or pre-cast plank concrete floors. Suitable to receive carpet, hard wood floor and vinyl tiles. |
| Sure-Flo PLUS Self-leveling, Heavy-duty, Fast Set, cementitious floor mortar. <i>Premix or Concentrate.</i> | Hand or Pump Applied Self-leveling Fast Set Underlayment Leveling of concrete floors. Use when fast drying and fast strength development are required. |
| Sure-Flo FT (Floor Topping) 100 One-component, cement based interior floor topping traffic use. | Hand or Pump Applied Self-leveling finished floor topping Light to medium use. Mostly used with a suitable floor coating or stain for colour uniformity. |

FLOOR & DECK SEALERS

Gem-Seal = Clear Floor & Deck Sealers

| PRODUCT | USES |
|---|--|
| Gem-Seal WA ST (Waterborne Clear Acrylic) Waterborne Clear Acrylic floor sealer. <i>Pail or Drum.</i> | Hand or Spray Applied Clear Concrete Floor Sealer Prevents dusting and improves cleanability. Used as Topcoat for <i>Gem-Cote</i> . |
| Gem-Seal WUA ST (Waterborne Urethane-Acrylic) Waterborne Urethane-Acrylic floor sealer. <i>Pail or Drum.</i> | Hand or Spray Applied Clear Concrete Floor Sealer Protects against oil, water and chemicals. High abrasion resistance. Used as Topcoat for <i>Gem-Cote</i> . |
| Gem-Seal MB (Methylmetacrylate) Heavy-duty solventborne methylmetacrylate based chemically resistant sealer. <i>Pail or Drum.</i> | High-Performance Concrete Floor & Deck Sealer Protects bridge decks and parking garages against penetration of salt, water and chemicals and freeze-thaw damage. |

FLOOR & DECK COATINGS

Gem-Cote = Pigmented Floor Coatings

| PRODUCT | USES |
|--|---|
| Gem-Cote WA (Waterborne Urethane) ST High Abrasion resistant Acrylic floor coating. <i>Pail.</i> | High-Performance Pigmented Floor Coating Fast drying and suitable for light to medium traffic. |
| Gem-Cote WUA (Waterborne Urethane) ST High abrasion resistant urethane-acrylic floor coating. <i>Pail.</i> | High Performance Waterborne Floor Coating Fast drying and suitable for medium to light-heavy traffic. |
| Gem-Cote EP ST (Solventborne Epoxy) High performance & abrasion resistant floor coating. <i>Pail.</i> | High Performance Pigmented Floor Coating High chemical resistant; suitable for Heavy-Duty traffic. |
| Gem-Cote U (Urethane) 200 Two-component, aliphatic urethane Pigmented, or Clear. <i>Kit (2 components)</i> | Heavy Duty, High Abrasion & Chemical Resistance Floor Coating Industrial and Commercial use. |

ROOF & DECK WATERPROOFING COATINGS

Flex-Top = Roof and Waterproofing Coatings

| PRODUCT | USES |
|---|---|
| Flex-Top RM (Roof Membrane) Waterborne, one-component chemically cross-linked roof coating. Resistant to acid rain and water ponding. <i>Pail or Drum.</i> | Highly Flexible Roof Coating For concrete & metal roofs. The cracks and seams are fortified with the <i>Reinforcing Fabric LW</i> . |
| Flex-Top RDM (Roof & Deck Membrane) 100,200 Flexible, moisture cured, aromatic (100), aliphatic (200) urethane, one component. <i>Containers or pails</i> | Highly Flexible Roof Coating; also waterproofing of balconies and concrete slabs with light to medium traffic. <i>Use Reinforcing Matt 100, 200, or Reinforcing Fabric LW</i> |
| Flex Top WM (Waterproofing Membrane) One component, water borne, acrylic waterproofing. <i>Pail</i> | Waterproofing of concrete in interior applications Waterproofing of bathrooms, prior to application of ceramic tiles |

CONCRETE ADMIXTURES

Adi-Con = Concrete (Mortar) Admixtures

| PRODUCT | USES |
|---|---|
| Adi-Con BA AC Acrylic copolymer based concrete and mortar modifier. Reduces WC ratio and lowers shrinkage. <i>Pail or Drum.</i> | High Performance Latex Modifier & Bonding Agent for Concrete and Mortar Improves bond and chemical resistance. |
| Adi-Con BA AC Super Acrylic copolymer based concrete and mortar modifier. Reduces WC ratio and lowers shrinkage. <i>Pail or Drum.</i> | High Performance Latex Modifier & Bonding Agent for Concrete and Mortar Provides superior bonding, high strength and abrasion resistance to mortars and concrete. |
| Adi-Con CSF (R) Silica fume (microsilica) improves strength, abrasion, impact & chemical resistance. <i>Two Component Kit.</i> | Pozzolanic, Microsilica Admixture for Concrete & Shotcrete Industrial uses and for bridge and parking deck overlays. Improves freeze-thaw resistance and reduces rebar corrosion. |
| Adi-Con SER (Surface Evaporation Retarder) Liquid compound to reduce evaporation. <i>Pail or Drum.</i> | Surface Evaporation Retarder Reduces plastic shrinkage cracking and helps in finishing. |
| Adi-Con VCA (Viscosity Control Agent) 100 Viscosity control agent for concrete. <i>Bag</i> | Controls aggregate segregation For high flowing and self-compacting concretes SCC. <i>Compatible with ALL water reducing agents.</i> |
| Adi-Con VCA (Viscosity Control Agent) 200 Viscosity control agent for concrete. <i>Bag</i> | Controls aggregate segregation For high flowing & SCC concretes. <i>Compatible only with melamine & poly-carboxylate types of water reducing agents.</i> |

WALL INSULATING SYSTEMS

Thermo-Shield = Exterior Insulating & Finish Systems (EIFS)

| PRODUCT | USES |
|--|--|
| Thermo-Shield FC (Flexible) Adhesive Liquid Adhesive mixed on site with cement. <i>Pail.</i> | Adhesive for Bonding Expanded Polystyrene Over concrete & masonry substrate, also used as a FC Base-Coat |
| Thermo-Shield FC (Flexible) Base One component Base-Coat (dry). <i>Premix.</i> | Base-Coat for Expanded Polystyrene |
| Reinforcing & Detail Fabric FC. 99 or 24 cm wide Roll. | Reinforcing Fabric for the Thermo-Shield FC Base Coat. |
| Thermo-Shield NC (Non-Combustible) Premix Non-combustible, Fiber-reinforced Base coat. <i>Concentrate.</i> | Base-Coat over Extruded Polystyrene. ULC approved. No height limitations. Impact & Abuse resistant |
| Reinforcing Fabric NC. 99 or 24 cm wide Roll. | Reinforcing Fabric for the Thermo-Shield NC Base Coat. |

WALL PLASTERS

Gem-Plast = Wall Plasters

| PRODUCT | USES |
|--|--|
| Gem-Plast TC (Thin Coat) Polymer-modified, Portland cement based plaster for exterior and interior applications. <i>Premix or Concentrate.</i> | Hand or Machine Applied Waterproofing & Finishing Plaster suitable for concrete, block, swimming pools and other concrete surfaces. Max. 6 mm (1/4 in) thickness. |
| Gem-Plast Flex ST One component, non-rigid, thin, 1/16 to 1/2 in, concrete repair material. <i>Premix.</i> | Hand or Machine Applied Waterproofing & Finishing Plaster - thin-section repair of concrete and reinforced concrete structures. The flexibility provides high short and long term bonding |
| Gem-Plast FR (Fibre Reinforced) Fibre-reinforced cement plaster used over galvanized expanded metal lath. Superior impact strength, crack resistance and durability. <i>Premix or Concentrate.</i> | Hand or Machine Applied Crack Resistant Waterproof Plaster. For commercial and residential wood or steel stud construction exposed to heavy traffic. Also used in a Rain-Screen cladding system. |
| Gem-Plast HD (Heavy Duty) Fibre-reinforced, cementitious, heavy-duty, waterproofing plaster. Has superior crack, weather and freeze-thaw resistance <i>Concentrate.</i> | Hand or Machine Applied Crack Resistant Waterproof Plaster - Resurfacing of concrete, block, cement stucco & brick. For sealing bulkheads in mining & as a surface bonding and in protection of slaking (pyritic) shales. |

WALL COATINGS & SEALERS

Tuff-Flex, Tuff-Cote, Tuff-Stone, Graffiti-Shield = Flexible & Anti-Graffiti Coatings

Graffiti-Shield & Rain-Shield Clear & Pigmented Sealers

| PRODUCT | USES |
|--|---|
| <p>Tuff-Flex CA (Cross-linked 100% Acrylic) One component, highly breathable, chemically cross-linked acrylic coating flexible even at low temperatures. Bridges substrate cracks; highly durable and resistant to UV & acid rain. <i>Pail or Drum.</i></p> | <p>Hand or Spray Applied Highly Flexible, Waterproof & Decorative Wall Coating for concrete, masonry, and stucco above grade walls. Excellent for waterproofing of cracked masonry, stucco and concrete walls.</p> |
| <p>Tuff-Cote Premixed, 100% acrylic, waterproofing textured coating. Excellent adhesion, flexibility and UV & pollution resistance. <i>Pail.</i></p> | <p>Durable, Colorfast, Protective Waterproofing & Flexible Textured Coating for masonry, concrete, stucco, galvanized metal and wood. Exterior & interior walls</p> |
| <p>Tuff-Stone CB (Clear Base) Premixed natural aggregate coating in a clear acrylic binder. <i>Pail.</i></p> | <p>Exterior & Interior Decorative & Waterproof Coating Over concrete & cement plaster walls</p> |
| <p>Primer # 300 (for Tuff-Cote, Tuff-Stone & Tuff-Flex) Premixed pigmented acrylic primer or Topcoat. <i>Pail or Drum.</i></p> | <p>Penetrating Pigmented Wall Primer Over concrete, masonry & wood. Also used as Top-Coat (contact Gemite Technical Service)</p> |
| <p>Graffiti-Shield ST Clear (Standard) One-component, high-performance, waterborne, anti-graffiti coating system. Superior UV resistance allows frequent graffiti removal. Low gloss. <i>Pail.</i></p> | <p>Hand or Spray Applied Anti-Graffiti Coating For painted & unpainted concrete, cement plaster, block, ceramic tile, brick, terrazzo and limestone. One coat system consisting of Graffiti-Shield ST, Graffiti-Shield ST Cleaner & Re-Coat.</p> |
| <p>Rain-Shield Clear SX SB (Solvent borne) Clear, deep penetrating, water-repellent. Prevents efflorescence and has an excellent UV and weather resistance. <i>Pail or Drum.</i></p> | <p>Clear Sealer for Above Grade Walls of concrete, brick, stucco, concrete block, wood shakes and shingles. Does not affect surface appearance.</p> |
| <p>Rain-Shield Stain OP WB (Waterborne Acrylic) High performance, pigmented, penetrating, breathable, waterborne acrylic water-repellent stain. <i>Pail or Drum.</i></p> | <p>Pigmented Waterbased Sealer for Above Grade Walls. Ecologically provides damproofing, uniform color and prevents efflorescence on concrete, brick, block & stucco.</p> |

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