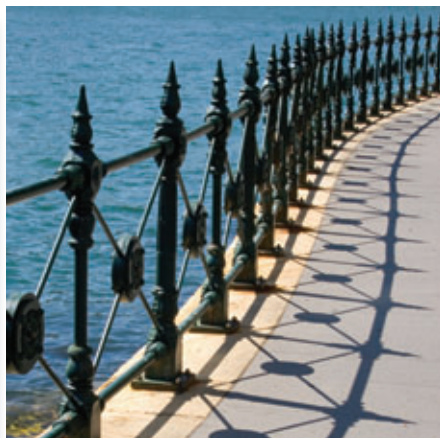




MIRACOTE®

Concrete Renewal & Protection Products

- Repair Mortars & Underlayments
- Membranes
- Waterproofing Systems
- Decorative Flooring & Finishes
- Decorative Overlayments



- Concrete Stains
- Top Coats, Finish Coats & Sealers
- Moisture Vapor Transmission Mitigation



Miracote Products provide Scientifically Superior™ Technologies for plywood and concrete protection and restoration offering a complete line of protective coatings, waterproofing membranes and repair materials. Designed for exterior use, these products protect and restore concrete surfaces from the consequences of freeze-thaw, seismic activity, building settlement and water intrusion. Miracote applications produce finishes which either restore concrete to “like new” appearance or provide enhanced visual interest through a wide range of available colors, textures and patterns. Formulated with environmental requirements in mind, many Miracote products are waterbased, solvent-free and user friendly.

Waterproofing Systems

MIRAFLEX™ II WALKING DECK & ROOF COVERING SYSTEMS

Decorative architectural waterproofing and wearing surfaces are composition polymer modified cementitious and polymeric resinous systems used over elevated plywood decks and concrete. Miraflex II is ICC-ES ESR-1714 Listed having an UBC Class A One-Hour-Fire-Resistive Construction Rating. The membrane component has an IAPMO File No. 4509 Certification, which is manufactured in compliance with ANSI A 118.10-99.



Parking Structure Wearing Surfaces

These cementitious wearing surfaces are designed for resurfacing parking decks. The systems include the option of Membrane A, a liquid applied, highly elastic fluid proofing membrane, used in conjunction with the wearing surface, MPC (Multi-Purpose Protective Coating), a liquid polymer, catalyst based high performance cementitious resurfacing product.

MIRATHANE™ AR SF (PARKING DECK SYSTEM)

A solvent free, fluid applied elastomeric surfacing designed for parking decks and high traffic pedestrian areas. The material consists of an epoxy primer, high performance polyurethane membrane and various wearing surfaces designed for a wide variety of end uses. It is designed to be “turned-up” at walls, columns, parapets, etc. to create an integral waterproofing membrane.



Cementitious Coatings & Overlayments

MPC™ (MULTIPURPOSE PROTECTIVE COATING)

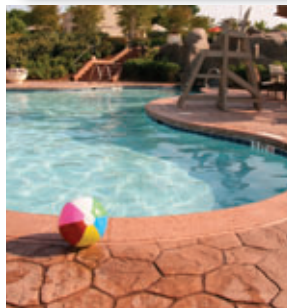
A high performance, liquid polymer catalyst, silica sand free, cementitious resurfacing product. It is applied in two applications with, brush, roller, trowel, squeegee or sprayer. It is resistant to salts, waterborne chlorides, and scaling from freeze-thaw conditions and it is ideally suited for interior and exterior resurfacing of concrete, concrete block and masonry. This system is highly flexible, trafficable, resistant to UV degradation and has a UL 790 Class A Fire Resistance rating.

MICRO-TOPPING

A multi-use cementitious decorative and protective coating system designed for application over a broad range of surfaces (e.g., concrete, brick, metal, masonry, plywood, etc.) to create a decorative, “concrete-like” appearance with “concrete-like” performance.

MIRASTAMP

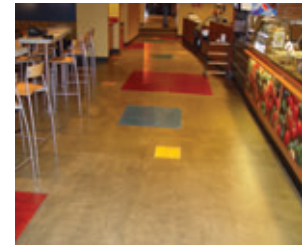
A polymer modified, two component cementitious architectural paving system that is installed at a thickness of 1/4” (6.3mm) to 5/8” (15.9mm) and is stamped using common methods and techniques. Mirastamp develops high compression strength and abrasion resistance and is suitable for heavy-duty vehicular or pedestrian traffic. It is designed for interior and exterior applications over new or existing concrete surfaces.



Decorative & Functional Epoxy Flooring

CHAMELEON SYMPHONY™ PIGMENTS & EFFECTS

A unique line of pigments and effects that are pre-packaged and field blended with Miracote polymeric resin systems that include colorants featuring metallic and pearlescent dynamic color effects and brilliant pigments.



CQ COATING & FLOORING SYSTEMS

A variety of CQ systems are available to meet the decorative and functional substrate protection needs for light to medium usage environments. CQ epoxy coatings are available in many solid color options and can be topcoated with an optional clear epoxy, urethane or polyaspartic sealers for additional protection. CQ flooring systems are available in broadcast and troweled formulations offering design flexibility for specific industrial and commercial application environments.

MIRAFLAKE™ FLOORING SYSTEM

Miraflake is a seamless, fluid-applied epoxy flooring system broadcasted with decorative vinyl chips. The volume of chips broadcast can be varied from light to heavy, depending upon specific design specifications. Clear epoxy or polyaspartic topcoats are then applied. The receiving coat is available in a wide range of background colors with a wide variety of vinyl chip color options.

Membranes

MEMBRANE A WATERPROOFING MEMBRANE

An exceptional copolymer emulsion waterproofing system designed for use beneath ceramic tile, marble, quarry tile, below grade and between slab, and under most Miracote composition floor and deck systems. Membrane A Waterproofing Membrane offers protection against water and waterborne salt intrusion, together with excellent adhesion. It is applied to horizontal and vertical concrete substrates, bricks, tile and metal. As a shower-pan liner it has an IAPMO File No. 4509 Certification, which is manufactured in compliance with ANSI A118.10-99.

MC-5 MEMBRANE

A 100% solids epoxy/urethane flexiblized membrane designed as a waterproofing, fluid-proofing and crack isolation membrane applied under various floor and wall surfaces. It is a viable replacement to solvent and solvent free polyurethane membrane systems typically prohibited from indoor use due to combustibility, flame spread and smoke concentration. MC-5 Membrane is self-extinguishing on concrete when tested per ASTM D635.



Superior & Decorative Protection & Solutions...

The  **MIRACOTE** Way

Repair Mortars & Underlayments

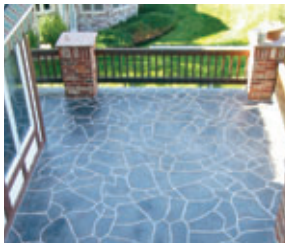
LIQUID POLYMER & CEMENTITIOUS SYSTEMS

Miracote Repair Mortars and Underlayments are liquid polymer and cementitious based repair mortars and smoothing/leveling underlayment products, which are trowel, screed or squeegee applied. They are ideal for concrete restoration and resurfacing, and properly reinforced plywood substrates subjected to heavy-duty traffic; or as underlayments for microtoppings, resinous systems, carpet, linoleum, resilient tile or ceramic tile.

These systems are available in rigid trowel applied and flexible squeegee applied formulations complemented by the overhead and vertical patching mortars and self-leveling underlayment products.

REDISPERSIBLE POLYMER CEMENTITIOUS SYSTEMS

Miracote redispersible polymer based repair mortars and underlayment products require only the addition of potable water and are troweled, squeegee applied or poured-in-place. They are ideal for concrete restoration and resurfacing over deteriorated concrete substrates; or as an underlayment substrate for microtoppings, carpet, linoleum, resilient tile or ceramic tile.



Top Coats, Finish Coats & Sealers



COLORBOND™

A single component, waterbased, pigmented acrylic topcoat designed for application on Miraflex II and other promenade deck and roof deck surfaces, and to polymer modified cementitious coatings such as Miracote MPC and Microtopping.

CQ

A clear or pigmented epoxy resin and hardener designed for use as a top coat over select Miracote systems. Its impervious nature limits it to interior use provided the MVT (moisture vapor transmission) does not exceed 3.0 lbs/1,000 sq ft/ 24 hr period per ASTM F1869. Use Miracote MVERSTM I or II over substrates which have MVT emissions that exceed 3.0lbs, per ASTM F1869.

HD II ACRYLIC CLEAR SEALER

An Acrylic Clear Sealer that combines both acrylic and VOC compliant solvents. HDII is available in gloss or matte finishes to meet various aesthetic design specifications. HD II resists oil, grease, brake fluid, salt, calcium chloride, limited caustics, dilute acids, kerosene, alcohol and abrasion. HD II is also used as a sealer for concrete, terrazzo, flagstone or other masonry surfaces.

MIRATHANE™

Mirathane APU™ finish coat systems represent the next generation of urethane topcoats. They are formulated as blended aliphatic polyester urethane that is ultraviolet light stable. Additionally, they provide high chemical resistance. Both can be used clear or pigmented with ColorPax™-U, providing a hybrid aliphatic, UV stable sealer.

MIRASEAL™

Miraseal is a single component, waterborne acrylic sealer designed for application to Colorbond, Mirastamp and MPC surfaces. Exceptional wash down characteristics and weathering qualities. It is also used as a sealer for concrete, cementitious terrazzo, flagstone and masonry surfaces.

Concrete Stains

MIRASTAIN I DECORATIVE ACIDIC COLOR STAIN

A unique architectural accent stain designed to color surfaces of cementitious materials. It is designed to penetrate concrete, masonry and polymeric cementitious surfaces using a combination of reactive metallic salts in waterbased solutions. The reaction results in a permanent colorization, tinting or staining of the treated surface.

MIRASTAIN II ARCHITECTURAL COLORED STAIN FOR CEMENTITIOUS SURFACES

A waterbased architectural accent stain designed to color surfaces and antique cementitious materials. Mirastain II is a combination of high-grade pigment dispersion, co-polymer and water-based carrier solution specifically formulated to penetrate concrete, masonry and polymeric cementitious surfaces.

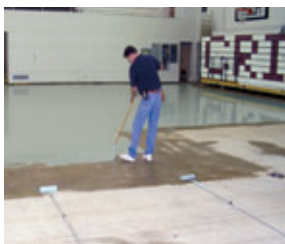


Moisture Vapor Transmission Mitigation System MVERSTM

MVERS I and MVERS II negative side moisture vapor barrier primer systems mitigate MVT. MVERS I mitigates up to 15.0 lbs/1,000 sq ft/24 hr period per ASTM F1869. MVERS II mitigates up to 8.0 lbs/1,000 sq ft/24 hr period per ASTM F1869. MVT (Moisture Vapor Transmission) is the natural migration of gaseous water from a higher moisture source into an environment with a lower concentration of moisture.

The sources of capillary moisture, either liquid or gaseous are:

- High water table
- Drainage deposits
- Residual water from irrigation, run-off, etc.
- Broken plumbing
- Lack of or improper installation of a positive side (beneath the concrete slab) vapor barrier
- Free moisture (moisture not used in the hydration of cement) in new concrete slabs
- Less than 10 day old concrete





Concrete Renewal & Protection Products

The Miracote Product Line consists of decorative finishes, waterproofing systems, repair mortars and underlayments, overlays, membranes, concrete and cementitious overlay stains, top coats, finish coats, sealers, and moisture vapor transmission mitigation systems.

Waterproofing Systems

- Decorative Decking (concrete and plywood)
- Pedestrian Traffic Coating
- Roofing Coverings

Membranes

- Co-polymer Membrane Shower Pan (IAPMO & ANSI Approved)
- Epoxy Membrane
- Urethane Membrane

Decorative Flooring and Finishes

- Architectural Stains
- Acrylic Sealers
- Epoxy Flooring
- Urethane Coatings

Repair Mortars and Underlayments

- Trowelable Repair Mortars & Underlayments
- Squeegee Grade Repair Mortars & Underlayments
- Overhead Patching Mortar
- Feather-Cote Thin Repair Mortar

Decorative Overlays

- Multi-Purpose Protective Coatings
- Stampable Overlays
- Micro Topping Overlays

Concrete Stains

- Chemical Reactive
- Pigmented Acrylic

Top Coats, Finish Coats and Sealers

- Acrylics
- Epoxy
- Polyaspartica
- Urethane

MVT

- Moisture Vapor Transmission Mitigation System

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