BeltShield®

ShieldCrete®

Advanced Polymer Conveyor Belt Repair System

BeltShield® Static System

The static system is the combination of ShieldPoly CV and ShieldPrime CV spray applied to an isolated conveyor belt. This method will result in approximately 300sqm of repairs effectively completed in a 12-hour shift.

BeltShield® Automated System

The automated system is the combination of ShieldPoly CV and ShieldPrime CV applied with robotics and automated equipment to achieve on-line repairs of conveyor belts. This method of application can repair and return the asset back to service with minimal downtime.

ShieldPatch™ Repair Kit

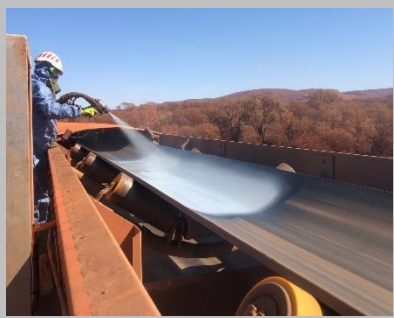
The ShieldPatch™ system is a hand applied polymer supplied in a kit for small patch repairs to conveyor belts. The product is developed based on the technologies of BeltShield® polymers for a quick and efficient solution.

Application Areas

- Top cover damage to conveyor belts due to rips, gouges, cuts, and holes.
- Damage caused by hard skirt wear.
- Splice damage and exposed wires.
- Improve wear properties of the conveyor top cover.
- Extend the life of the belt to reach planned replacement.

Technical/Performance Data

Cured Film Properties	Test Method	BeltShield® Static	BeltShield® Automated	ShieldPatch™ Repair Kit
		Typical Value	Typical Value	Typical Value
VOC	Theoretical	0%	0%	0%
Solids Content	Theoretical	100%	100%	10%
Shore A Hardness	ASTM D2240	80-85	80-85	80-90
Elongation	ASTM D638	300-450%	300-450%	450-600%
Tensile Strength, MPa	ASTM D638	6MPa-9MPa	6MPa-9MPa	10-15Mpa
Elastic Modulus, MPa	ASTM D638	3.5MPa-9MPa	3.5MPa-9MPa	-
Tear Strength	ASTM D624	53-79 kN/m	53-79 kN/m	30-40kN/m
Moisture Vapour Transmission	ASMT E-96	0.02 perm	0.02 perm	-
Taber Abrasion, mg wt loss (1000g, 1000rev CS-17)	ASTM D4060	8-18	8-18	-
Gel Time	ASTM D1640	10-18 seconds	10-18 seconds	5-15 minutes
Tack Free	ASTM D1640	~3 minutes	~3 minutes	~25 minutes



PRODUCT PORTFOLIO

www.shieldcreteinternational.com

ShieldPoly

ShieldCrete®

100% Solids Elastomeric Polyurea

ShieldPoly CV

CV is the primary belt repair solution, featuring 100% solids, highly elastomeric advanced polyurea specifically formulated for various belt types. This unique formulation rapidly develops essential physical properties upon application by impingement, effectively eliminating early fatigue stress in nanoseconds. The result is a durable coating with outstanding chemical resistance, wear resistance, impact protection, and elongation, applicable at any thickness. This coating can withstand stress during both static and running repairs, maintaining adhesion without early cure cracks or delamination. CV retains excellent flexibility, wear resistance, and high-impact protection, effectively extending the life of repaired areas. CV has been described by our clients as a system that "wears better than rubber".

Fast repairs for sectional skirt wear damage and splice protection can be achieved without developing early or long-term fatigue stresses. Serving as the primary topcoat with cross-linking properties to ShieldPrime CV, it fully complements our BeltShield® general repair system, whether static or automated.

ShieldPoly CV-FR

CV-FR, a Class 1 flame-resistant coating, builds upon the foundation of our ShieldPoly CV, providing added fire protection for high-risk environments like coal processing, foundries, and smelters, where sparks or fire events are a concern. Prioritizing exceptional UV and fire resistance, this versatile solution is suitable for safeguarding power poles, conveyor belts, and critical structures against blast damage. It adheres effectively to timber, fiberglass, concrete, and steel substrates. CV-FR is a volatile-free, odorless system applied using 1:1 mix ratio plural component spray equipment.

ShieldPoly CV-AR

CV-AR, 100% solids elastomeric, is a reformulated version of ShieldPoly CV. It offers significantly higher tensile and tensile tear strength while maintaining comparable elongation and avoiding fatigue stress. CV-AR is utilized in scenarios involving extreme conditions and belts exposed to constant stress and wear. In addition to its outstanding wear resistance and high-impact protection, CV-AR complements our BeltShield® polymer family, providing resilience and durability. With advanced cross-linking properties, it becomes an integral part of the BeltShield® system, fulfilling industry demands with excellence.

Application Areas

ShieldPoly CV

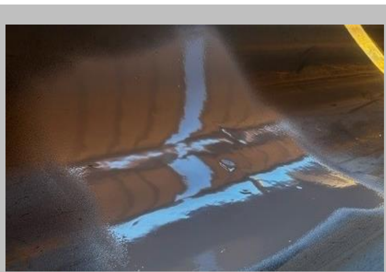
- Conveyor Belt Repairs
- Mining Processing
- Geotextile Liners
- Secondary Containment
- Oil Production
- Water / Condensate Containments
- Foam Topcoat
- Flexible Waterproofing Membranes
- Liners
- Wastewater

ShieldPoly CV-FR

- Conveyor Belt Repairs
- Mining Processing
- Waterproofing Membranes
- Chemical Plants
- Foam Topcoats
- Roof Waterproofing
- Power Poles
- Secondary Containment Liners
- Post Disaster Buildings
- Blast Mitigation
- Tank Linings

ShieldPoly CV-AR

- Conveyor Belt Repairs
- Mining Processing
- Geotextile Liners
- Secondary Containment
- Oil Production
- Foam Topcoat
- Flexible Waterproofing Membranes
- Liners
- Wastewater



PRODUCT PORTFOLIO

www.shieldcreteinternational.com

ShieldPoly

ShieldCrete®

100% Solids Elastomeric Polyurea

ShieldPoly F-15

F-15 is a 100% pure polyurea with a rapid gel time (12-20 seconds), specifically engineered for continuous immersion applications. Its formulation ensures outstanding wetting and substrate adhesion, particularly on concrete surfaces. This versatile solution finds its ideal use in commercial construction, mineral processing, high abrasion/impact environments, general infrastructure projects, and waterproofing applications.

ShieldPoly F-15 AR

F-15 AR (Abrasion Resistant) is a fast set, rapid curing, 100% solids, flexible, two-component high abrasion resistant polyurea elastomer spray coating material. This polyurea is designed for applications requiring increased abrasion and wear resistant properties of the sprayed coating material, this polyurea will typically outperform standard polyurea's used in industrial and mining environments. It's extremely fast gel time makes it suitable for applications in cold environments without special conditioning of the component resins and isocyanates.

ShieldPoly F-15 HT

F-15 HT initially designed for mineral processing applications with enhanced physical properties such as tensile tear hardness while preserving the same elongation as our standard F-15. It serves as the preferred backing liner for Sag and Ball mills, surpassing rubber with superior wet and dry abrasion resistance.

ShieldPoly F-15 ZA

F-15 ZA is a specialized solution designed for concrete structures exposed to mechanical and chemical aggressors. It's highly recommended for safeguarding concrete secondary containment at a lower cost, making it an excellent choice for various applications, including domestic wastewater systems, industrial plant and refinery covers, retention basins, dams, bridges, buried concrete tanks, silos, industrial floors, and waterproofing in parking areas and terraces.

ShieldPoly HCR

HCR is 100% solids pure polyurea product, categorized under Class E for fire reaction per EN 13823:2010 standards. It offers an extended temperature range from -30°C to +170°C while maintaining 130% elongation. This combination of properties makes it an excellent choice for hydrocarbons primary and secondary containment. HCR stands out as a high chemical-resistant polyurea, suitable for applications involving lower acidic and alkaline environments.

Application Areas

ShieldPoly F-15 and F-15 ZA (conditional)

- Airports
- Hotels and Casinos
- Power Plants
- Residential Applications
- Structural Steel
- Fertilizer Plants
- Warehouse Flooring
- Cold Storage Facilities
- Mining / Landfill Heap / Leach Containment
- Marine Environments
- Paper & Pulp Mills
- Primary Containment
- Secondary Containment
- Trafficable Parking Decks
- Potable Water
- Wastewater Treatment
- Food Processing Plants
- Geotextile Rehabilitation Composite

ShieldPoly F-15 AR

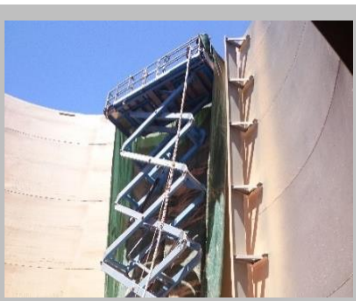
- Industrial and Processing
- Steel, Concrete Protection
- Tank lining and Processing equipment

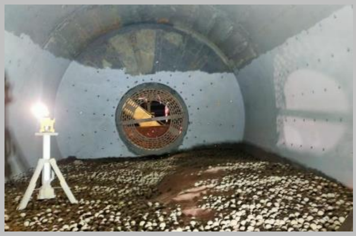
ShieldPoly F-15 HCR

- Diesel
- Hydrogen Peroxide
- Group 1/5(a) EN 13529
- Group 9/10/11 EN 13529

ShieldPoly F-15 HT

- Mineral Processing
- Ball and Sag Mills
- Stators and Float Cell-related applications
- Crushing Circuits
- High Impact Prilling and Granulation
- Paper, Dairy Plants and Abattoirs





PRODUCT PORTFOLIO

www.shieldcreteinternational.com

ShieldPoly

ShieldCrete®

100% Solids Elastomeric Polyurea

ShieldPoly F-05

F-05 is a low slump, self-priming, fast-set coating that can be applied at any thickness. Its unique feature is a rapid set time of 5 seconds or less, making it perfect for colder climates where many materials struggle to cure. It's commonly used on tank lids in corrosive environments and is ideal for overhead applications, ensuring a smooth finish and fast equipment return to service even at high film thicknesses, eliminating the need to wait for layers to cure.

ShieldPoly F-30

F-30 is a versatile, 100% solid, aromatic, two-component pure polyurea known for its exceptional flexibility and non-slip qualities when combined with a broadcast material. It offers excellent workability and finishing performance, making it a top choice for various applications. Its high elongation property enables its use in composite systems like geotextile overlays, proving valuable in erosion control, wastewater treatment facilities, and coastal engineering projects.

ShieldPoly F-90

F-90 two-component pure polyurea allows manual trowel work to force fill bug holes and cavities, as well as injection into sand rings, flanges, and areas affected by racing in mining operations such as mills. In cases of poor concrete with extensive cracking, it provides extended gel time for filling voids thoroughly.

ShieldPoly HA1-BG

HA1-BG is a slow-gel-time, two-component hand-applied hybrid polyurethane/polyurea (~15-30 minutes). It's perfect for patching high-performance urethanes, polyurea, and safeguarding assets like steel, concrete poles, pipelines, and piles in harsh conditions, shielding them from corrosion and abrasion. Its outstanding electrical properties also make it suitable for repairing and renewing damaged cable sheaths. With superior adhesion, abrasion resistance, chemical resistance, and mechanical strength, HA1-BG delivers reliable protection.

Application Areas

ShieldPoly F-05

- Movie and Commercial Use
- Tank Lids Gas Protection
- Secondary Containment
- Salt-related Chassis Protection
- Water / Condensate Containments
- Foam Hard Coat
- Flexible Waterproofing Membranes
- Truck Bed Liners
- Wastewater
- Overhead Vertical Fast Set

ShieldPoly F-30

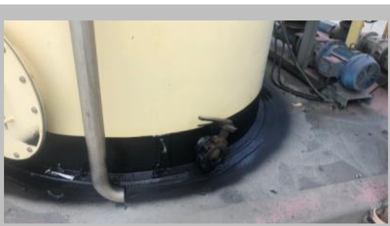
- Rubber Tank repairs
- Geotextile Liners
- Secondary Containment
- Showroom Flooring
- Water / Condensate Containments
- Glass Topcoat Finishing No Orange Peel
- Broadcast Finish
- Flexible Membranes
- Industrial Floor Production Liner
- Wastewater

ShieldPoly F-90

- Rubber Overlay and HDPE
- Geotextile Liners
- Spalled or Filling Option
- Seismic Jointing
- Injection Gap Sealing Mills
- Glass Finish Topcoat Composite
- Flexible Waterproofing Membranes
- Hydro Electric Spillways Impact Zone
- Reverse Molding

ShieldPoly HA1-BG

- Structural Steel
- Utility Poles
- Fertilizer Plants
- Warehouse Baseplates
- Mining Operations
- Marine Environments
- Piles
- Pipelines
- Polyurea / Urethane Repair & Penetration Sealing
- Paper & Pulp Mills
- Parking Garages
- Walkways and Balconies
- Water and Wastewater Treatment
- Industrial and Manufacturing Facilities
- Cable Sheath Repair



PRODUCT PORTFOLIO

www.shieldcreteinternational.com

ShieldPrime

ShieldCrete®

Advanced Sealer for Concrete and Steel

ShieldPrime CV

Introducing CV, a 100% solids solution with adjustable set times ranging from 5 seconds to 5 minutes. CV features exclusive IP-related rubber adhesion promoters found only with ShieldCrete®, ensuring exceptional high-temperature and chemical resistance for superior adhesion across various substrates, including elastomeric coatings, metal, rubber, PVC, stainless steel, and more. Additionally, CV excels as an inter-coat primer, enhancing adhesion between different products, and can serve as a superior structural crack sealer.

ShieldPrime CA

A varnish epoxy sealer for floors. The main properties are to stabilize and strengthen uneven surfaces, with excellent penetrative capability, binder for mortars, fireproof, and with CE Marking product. Complementing CA is ShieldPrime CA-C, a UV-stable variant developed as a topcoat sealer, dedicated to protecting granite, marble, concrete, and tiled surfaces. ShieldPrime CA-C not only offers robust UV stability but also protects surfaces from yellowing and has improved wear properties.

ShieldPrime IC

A solvent-based aromatic 1K polyurethane primer, designed to enhance adhesion between various coatings seamlessly. This versatile primer promotes adhesion between new polyurea or solvent-based polyurethanes and older coatings of the same type, ensuring a robust bond. Notable for its high flexibility and ease of application, it's a reliable choice for coating projects. IC carries the CE Mark, signifying compliance with EN 1504-2 and EN 13813 European standards, guaranteeing top-notch quality and performance.

ShieldPrime UNI

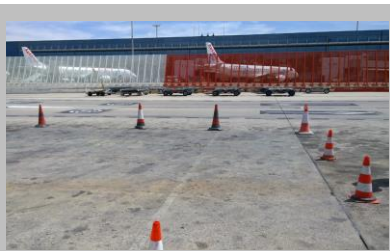
Two component, high solids, and liquid applied, low viscosity epoxy-polyamine primer surface with unique penetrating characteristics. Most suitable for concrete and can be diluted with water to adjust set times. Excellent flowability allows UNI to penetrate the matrix and lock out-gassing off. Used in conjunction with E5 secures hydrostatic related issues and prevents any negative forces to maintain the strong adhesion properties. Can be used with both ShieldPoly and Shield PU systems.

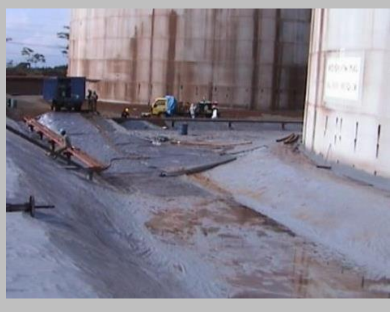
Application Areas

- Airports
- Hotels and Casinos
- Power Plants
- Residential Applications
- Structural Steel
- Fertilizer Plants
- Warehouse Flooring
- Cold Storage Facilities
- Mining / Landfill Heap / Leach Containment
- Civil Engineering
- Industrial Maintenance
- Metal Surfaces
- Marine Environments
- Paper & Pulp Mills
- Primary Containment
- Secondary Containment
- Trafficable Parking Decks
- Potable Water
- Wastewater Treatment
- Food Processing Plants
- Geotextile Rehabilitation Composite

Features and Benefits

- Low Odor
- High Solids
- Low Solvent
- Low VOCs
- Cures to a Tough, Water-resistant Coating
- Formulated without Lead, Chromate, or Mercury Components
- Fast Curing
- No Greasiness at Low Temperature
- Long Pot Life
- 100% Solids
- Penetrates Surface Rust, Crevices, and Back-to-back Angles
- Reinforces rusty Steel, Masonry and aged “White Rusted” Zinc Surfaces





PRODUCT PORTFOLIO

ShieldInject

ShieldCrete®

Polyurethane Injection Systems

ShieldInject S1

A low-viscosity, single-component hydrophobic polyurethane - a flexible solution for sealing concrete cracks and joints. The injection system utilized for the product can be static mixers, pumps, surface ports and applied technologies surface pastes as a complete concrete crack repair system.

ShieldInject S1 reacts rapidly upon water contact, expanding to fill and seal gaps and joints completely. This hydrophobic foam, once fully cured, remains stable in volume, effectively blocking water penetration with its closed-cell structure.

ShieldInject S1 Non-DG

A low-viscosity, single-component hydrophobic polyurethane - a flexible solution for sealing concrete cracks and joints. This specialized variant developed for solutions requiring a Non-DG alternative. The injection system utilized for S1 Non-DG can be static mixers, pumps, surface ports and applied technologies surface pastes as a complete concrete crack repair system.

A similar rapid reaction upon water contact, expanding to fill and seal gaps and joints completely. This hydrophobic foam, once fully cured, remains stable in volume, effectively blocking water penetration with its closed-cell structure.

*** Note: ShieldInject systems used in composite with ShieldSeal can greatly reduce the required injection requires.

Advantages

ShieldInject S1:

- Water activated curing
- Stopping water seepage
- Single component
- Expands up to 25-30x initial volume
- Superior concrete adhesion
- Injection in leaking diaphragm walls
- Pre injection of cracks and joints in concrete
- Filling of water bearing voids
- Sealing of flowing / leaking water through voids, cracks, and joints in concrete structures

ShieldInject S1 Non-DG:

- Cure time 50 seconds initial, 20-40 minutes full cure Activation Water activated
- Non-shrink after curing
- Flexible foam
- Closed cell foam stops water
- Expands up to 20-25x initial volume
- Superior adhesion to concrete

Features

ShieldInject S1:

- Solvent free
- Hydrophobic in fully cured state
- Non-shrink after curing
- Flexible foam
- Reacts rapidly in moist surroundings
- Good bonding to wet surfaces

ShieldInject S1 Non-DG:

- 50 second initial cure
- 20-40 minutes full cure
- Viscosity: 700 cps
- Specific Gravity: 1.10
- Color: Brown
- Non-shrink after curing
- Closed cell foam stops water

PRODUCT PORTFOLIO

www.shieldcreteinternational.com

ShieldMining™

ShieldCrete®

Strata Binding and Cavity Filling Resins

ShieldMining™ CF

A 1:1 ratio rapid foaming flame resistant Urea Silicate design, forming a low-density economical cavity filler. CF has revolutionary properties reducing exothermic reaction temperatures making it ideal for coal mines and most low-density bulk filling options. With an exothermic reaction not exceeding 90°C, it allows almost continuous filling reducing risk of combustion and saving time in execution of the filling. CF's low water absorption rate allows it to adhere good to wet substrates and will not only displace water but will not absorb water either. CF flows easily with low-cost double piston injection pumps and can be easily converted in most pumps if meet minimum spec.

ShieldMining™ SB

Is a 1:1 ratio pressure injected, designed to rapidly stabilize loose or fractured damaged strata and coal by imparting structural strength and flexibility. As this urea silicate technology is designed to not have more water absorption it quickly displaces water and adheres well to wet substrates. SB 's superior fire-resistant owing to its unique silicate chemistry, the maximum exotherm reached during cross linking is well under the maximum 150°C allowed as specified by the NSW Government Trade and Investment Mine Safety Guideline MDG 3608 August 2012, Appendix D1-TM003. SB will produce maximum adhesion in 2 hours or less with 30MPa compressive strength in 1 hour, within 24 hours 45MP and 7 days full compressive strength of 50MPa.

ShieldMining™ TSL-US

Thin Skin Liner Urea Silicate is a non-air assisted at the nozzle applied system creating no over-spray or spray mist. TSL-US is designed specifically for the consolidation of stressed rock structures associated with mining to prevent unravelling of strata and the associated risks presented from falling ground. It also has potential for use as a fire-retardant coating for various substrates. TSL-US is a two-component hard, tough, resilient material that is applied through low pressure plural component machinery with a static mixer. No heat is required. The product is flexible with good elongation and high early compressive and tensile strengths. Adhesion is outstanding to even moist surfaces. 60 to 70% of the physical properties are achieved in 1-2 hours (depending on ambient temperature) although set up time is only 10-15 minutes. TSL has been tested by the Mine Safety Technology Centre (MSTC) and complies with the requirements of MDG3608 and complies with Exothermix / Electrical / Fire-propagation / Fire resistance / Flashpoint / O2 Index and chemical characteristics.

ShieldMining™ AS

1:1 Ratio solvent free, 2-component, high strength polyurethane injection system. It is rapid setting designed as a water stop and for ground and strata consolidation. The system contains fire retardants and is self-extinguishing. With a shore D of 70 and 20% elongation at break with initial foaming within 30 seconds and will expand depending on the amount of water flow within a total of 50 seconds it can stop high head pressure flows quickly with durability. With a density of 1200 kg/m³ and high shore hardness it can stop flows most conventional systems will not. AS has a very low exothermic rate so allows for greater volumes injected completing more areas with less down time.

General Information

Polyurethane Resin (PUR)
- 2-component 1 x Black & 1 x Clear
- Generally yellow in color when reacted
- Generally expands
- It is very adhesive and flexible

Urea Silicate Resin (USR)
- 2-component 1 x Black & 1 x Clear
- Generally white to pale yellow when reacted
- It does not expand
- It is very adhesive even in wet conditions
- It is flexible

Urea Silicate Resin Foam
- 2-component as above but designed to expand and fill cavities
- 2-component 4:1 ratio cavity filler

Resin Products Burning Characteristics

Polyurethane Resin (PUR)
: Will support a flame if not treated with an appropriate flame retardant and if burning will produce various gases which are not too dissimilar to the gases from burning timber and coal. No CFC gases are emitted when PUR burns.

Urea Silicate Resin (USR)
: Does not require a flame retardant and will not support a flame.

PRODUCT PORTFOLIO

www.shieldcreteinternational.com

ShieldSeal

ShieldCrete®

Enhance Concrete Properties and Durability for Life

ShieldSeal 743

743 GEN-1 A post pour, formulated large nano silica concrete calcium silicate hydrate (C-S-H) that penetrates the accessible capillary system, reacting with the available free alkali found within, and primarily forming C-S-H resulting in enhanced, sealed, and waterproofed concrete.

ShieldSeal E5

E5 GEN-2 based off the 743 formulated system with advanced reduced nano particle size. E5 is the new Gen 2 silica concrete calcium silicate hydrate (C-S-H) that penetrates deeper and faster reacting within the accessible capillary system. E5 performs with more efficiency in reacting with available free alkali found within and is optimal in forming C-S-H. E5 also improves finishing and surface hardening vs the Gen-1 formulation more efficiently.

ShieldSeal E5-IC

E5-IC is specifically designed for slabs to receive floor covering, E5 Internal Cure+Catalyst controls moisture migration and surface pH while improving the flatness and levelness of concrete. E5 Internal Cure Admix and E5 Catalyst create a pH stable concrete surface, suitable for adhesion where porosity is required. E5 Catalyst has been formulated specifically for use with standard and light weight concrete where controlling moisture, pH, and flatness for finished flooring is required.

ShieldSeal E5 LFA

E5 Liquid Fly Ash (LFA) integral admixture is a silicate-free, liquid pozzolan replacement, employed in conjunction with an adjusted quantity of small and large aggregates to maintain the concrete properties and volume of fly ash in the mix design. E5 LFA increases ultimate strength, improves workability, and decreases permeability and efflorescence. The result is a more consistent high-quality, user-friendly concrete regardless of geography, season, or application.

Features

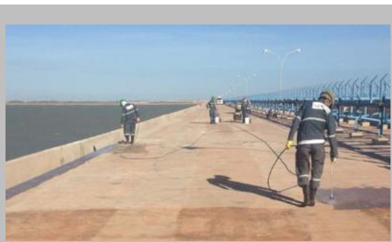
- Controls moisture migration
- Controls surface pH
- Improves FF/FL retention
- Concrete surface is absorptive
- No traditional curing required
- Engineered liquid admixture
- Superior concrete finish-ability
- Higher pozzolanic reactivity than fly ash
- Promotes secondary C-S-H development
- Up to 15% cement reduction

Benefits

- Moisture testing not required for warranty
- Prevents alkalinity related adhesive failures
- Reduces warping and curling
- Conforms to ASTM F3191-16
- Immediate access to slab minimizes disruption
- Predictable performance
- Improved finish and reduced re-work
- Reduces warping and curling
- Conforms to ASTM F3191-16
- Immediate access to slab minimizes disruption

Added Features of E-5 GEN-2 vs. GEN-1 743

- Eliminate wet cure blankets, coverings and compounds
- Reduced delamination
- Eliminate the need for sealers
- Reduced scaling
- Reduced shrinkage
- Reduced curling
- Reduced capillaries at surface
- Improved strength
- Reduced cracking with overall better workability



PRODUCT PORTFOLIO

www.shieldcreteinternational.com

ShieldPatch™

ShieldCrete®

Hand Applied Polymer Resin for Fast Repairs

ShieldPatch™ X1

Is a general-purpose two-part polymer resin for repairs which require a quick and efficient coating solution. Developed for use protecting a wide range of applications including rubber, urethanes, steel, masonry and many other surfaces. X1 is supplied in a 350ml kit for hand application. Typical repairs which ShieldPatch™ X1 is suited for are pipes, launders, tanks, mills, chutes, pumps, screens, utility poles and steel structures.

ShieldPatch™ X2

Is a fast and efficient solution for high abrasion, cut and impact situation repairs, our two-part polymer resin is specifically designed for conveyor belt repairs. Developed for use primarily on conveyor belts, it can also be used for repairs on concrete surfaces, rubber linings, and polyurea coatings. ShieldPatch™ X2 versatile formula ensures quick and hassle-free repairs, supplied in a 350ml kit for hand application. X2 suggested conveyor repair solutions: holes, rips, tears, gouges, worn patches, splice damage, edge damage, clip cover.

ShieldPatch™ POLEKOTE

Is a slow gel time (~15 Minutes) two component, hand applied castor-based polyurethane ideal for patch repair of high-performance urethanes and polyurea, or coating steel and concrete poles, pipelines, and piles to protect them from in-ground corrosion. Its excellent electrical properties also make it a good option for repairing and restoring damaged cable sheathes. It has excellent adhesion, abrasion resistance, chemical resistance and high mechanical strength. Approved for use across power supply networks in Australia.

Typical Repairs

ShieldPatch™ X1

- Pipes
- Launders
- Tanks
- Mills
- Chutes
- Pumps
- Screens
- Rubber linings
- Gap filler

ShieldPatch™ X2

- Holes
- Rips
- Tears
- Gouges
- Worn Patch
- Splice Damage
- Edge Damage
- Clip Cover
- Gap filler

ShieldPatch™ Polekote

- Utility poles – steel / concrete
- In-ground structures
- Steel structures
- Polyurea coatings
- Pipes
- Cable sheaths
- Gap filler

Features

ShieldPatch™ X1

- In-situ repair
- 1 hour repair time
- Quick gel time
- Convenient kit
- Easy application
- High tensile strength
- High abrasion & corrosion resistance
- Wet and dry process applications

ShieldPatch™ X2

- In-situ repair
- 30-minute repair time
- Quick gel time
- Convenient kit
- Easy application
- High elongation & flexibility
- High abrasion & tear resistance
- Wet and dry process applications

ShieldPatch™ Polekote

- In-situ repair
- 1 hour repair time
- 15-minute gel time
- Convenient kit
- Easy application
- High abrasion & chemical resistant
- Dielectric strength >20kV/mm
- Volume resistivity

PRODUCT PORTFOLIO

www.shieldcreteinternational.com

SCS EQUIPMENTS

ShieldCrete®

Equipment Available through ShieldCrete® South Pacific

GBT (Greener Blast Technologies) is represented by ShieldCrete® International SDN BHD and Blu Blaz LTD (Worldwide Master Distributor for Greener Blast Technologies Inc) our equipment and medium partner. Vapor Blasting promotes new green technology to the blasting and painting industry. GBT is the latest technology in O&G offshore now seeing the benefits for almost a decade is become the choice of Oil and Gas, Building Infrastructure, Mining, Power and Transportation sector, this is due to its OHS benefits and lowest environmental impact than any other form of high-pressure blasting. Promoted Since 2014 it is only gaining popularity as cleaner technology and in conjunction with our recycled glass medium can lower garnet use achieving higher profile by at least 30% with minimal impact or isolating other areas.

TITAN HELIX Reactor plural variable ratio is available through ShieldCrete® International and our partner Blu Blaz SDN BHD 30% with minimal impact or isolating other areas.

Integrated Electronic Proportioning: Proprietary system synchronizes both pumps to maintain a superior ratio (enable to adjust) accuracy.

SureFire Hose Heater: Heats the coating all the way from the block heater to the end of the hose. Additionally, the temperature can be adjusted at the gun where it matters most.

Surefire Block Heater: Maximizes surface area and dwell time for heater efficiency and maximizes the time in the heater. More time and surface area means more efficient heating.

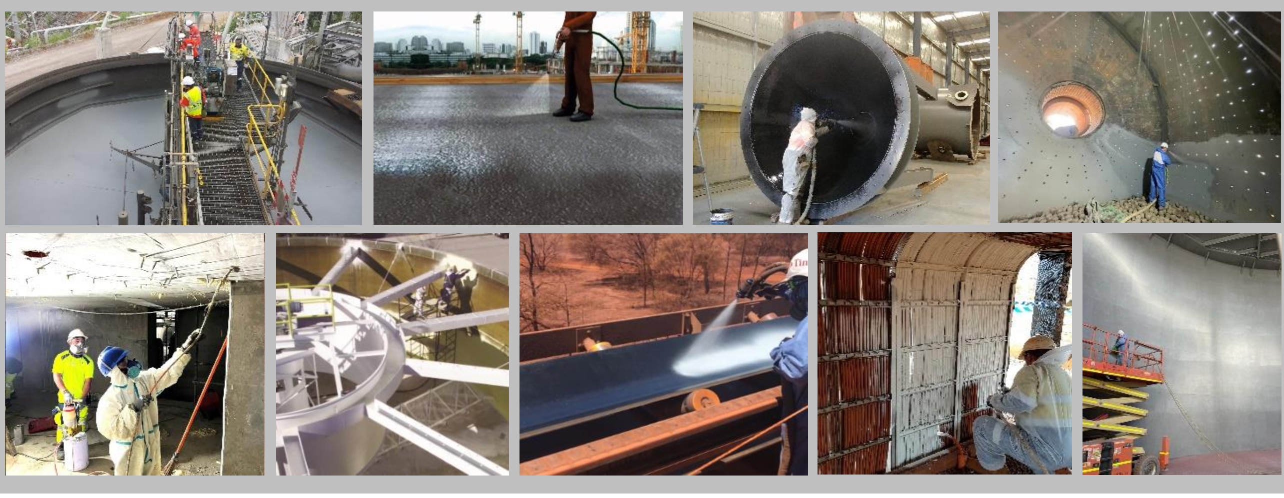
Universal Siphon / Draw: Modular design allows for transfer pump or direct feed.

Universal Power Adapter: Plug into shore power, generator or hardwire into a system.

Lightweight and compact design: 30% lighter than most comparable equipment.

BBL (Blu Blaz LTD) is SEA Master Distributor for Wagner Titan Helix Series Wagner is a market leader in advanced paint applicators and tools. Established in 1973 Wagner SprayTech develops, manufactures, and markets a wide array commercial painting and industrial fine finishing. With a legacy of product innovation, advanced engineering, quality manufacturing and exceptional customer service, Wagner products make it easier and faster to prepare surfaces, apply paints and other coatings, and clean up when the job is done.

MARKET COVERAGE



PRODUCT PORTFOLIO

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ShieldCrete®

Unrivaled Coating Solutions

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