

Applied Concrete Solutions On-Site Guide



Product Name	Description	Recommended Uses/Substrates	Pack Size
Anchors and Grouts			
Anchors			
Simpson StrongTie Acrylic Concrete Adhesive	A two component, acrylic based adhesive for use as a high strength, anchor grouting material.	<ul style="list-style-type: none"> Threaded rod anchoring. Rebar dowelling. Pick proof sealant around doors, windows and fixtures. 	510g
Simpson StrongTie Mixing Nozzles	Designed for the correct proportioning and mixing of the different adhesive formulations.		Pkts of 6
Simpson StrongTie Set Pac Anchoring Adhesive	A two-component, low odour, 1:1 ratio, 100% solids epoxy-based adhesive for use as a high strength, non-shrink anchor grouting material.	<ul style="list-style-type: none"> Threaded rod anchoring. Rebar dowelling. Paste-over for crack injection. 	255g
Grouts			
ACS Construction Grout	A non-shrink cement based grout. Specifically designed as a 'dry pack' or 'rammable' grout.	<ul style="list-style-type: none"> Tilt up concrete panels. Precast structures such as columns and footings. Patching bolt holes and formwork defects. Used for underpinning. 	20kg
ACS Grout GP	A general purpose, high strength, non-shrink cement based grout.	<ul style="list-style-type: none"> Void filling. Packing. Base plate supports and anchoring. 	20kg
ACS Epoxy Grout	A two component; high performance, pourable 100% solids epoxy.	<ul style="list-style-type: none"> Grouting heavy duty supports beneath crane or transporter rails. Machine support and baseplates. Anchoring bolts, bars, and fixings. Grouting of bridge bearings. High strength repair mortar when mixed with selected aggregates. 	10 Litres & 16 Litres
Crack Injection Products			
Simpsons StrongTie Crack Pac Kit	Includes everything needed to pressure inject approximately 2.3m of cracks.		510g
Simpsons StrongTie Dispensing Tool	Designed to work with Epoxy-Tie cartridges for trouble-free dispensing. For use with SET, ET, and ETI Adhesives.		Each
Simpsons StrongTie ETI Injection Epoxy - GV	ETI-GV Gel Viscosity Injection Epoxy is a two-component formulation which decreases in viscosity under pressure for increased flowability.	<ul style="list-style-type: none"> For the repair of medium cracks 2mm-6mm in width. Suitable for structural repairs. 	625g
Injection Epoxy - LV	ETI-LV is a low viscosity, two component epoxy.	<ul style="list-style-type: none"> Low viscosity epoxy (1790 cps) for repair of fine to medium width cracks 0.5mm to 6mm in width. Suitable for structural repairs. 	625g
Joint Sealants			
ACS Joint-Seal Backer Rod	A flexible open cell joint backer rod.	<ul style="list-style-type: none"> Can be stretched, bent and pushed into irregular surfaces. One width fits a range of joints sizes. 	10mm x 210m roll 16mm x 150m roll 22mm x 100m roll 29mm x 60m roll 38mm x 30m roll 50mm x 20m roll
ACS Joint-Seal W25	A single component polyurethane sealant for flexible jointing in walls.	<ul style="list-style-type: none"> Sealing joints in concrete wall panels both (interior and exterior). Fibrous cement products. Cladding panels. Joints in masonry and brick walls. Sealing joints around windows and timber frames. 	600ml sausage
ACS Joint-Seal F40	A single component polyurethane sealant for flexible jointing in concrete floors and slabs.	<ul style="list-style-type: none"> For use in joints in concrete floors exposed to traffic which require high bond strength. Concrete water retaining structures. Pipe penetrations. Coving and joint cover plates. 	600ml sausage
Waterproofing			
ACS Barrier Seal WPM	A two part waterborne epoxy coating system designed to act as a membrane/barrier coating primarily over cementitious substrates.	<ul style="list-style-type: none"> In-situ concrete. Brick, block and stone work. As a primer over damp substrates. 	20 Litres
ACS Flexi Proof BE	A general purpose, single pack, bitumen modified liquid membrane, specifically developed for general-purpose waterproofing.	<ul style="list-style-type: none"> Use as a general purpose membrane on:- Basement and retaining walls. Sill and window flashings. 	15 Litres

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ACS Flexi Proof WPM	A high performance, single component, water based, approved wet area waterproofing membrane.	Use for waterproofing vertical and horizontal wet areas such as: <ul style="list-style-type: none"> Bathrooms. Showers. Laundries. Balconies. Window reveals. Sill flashings and decks. 	15 Litres
Drizoro Maxseal Foundation	A cement based waterproofing membrane for concrete and masonry surfaces.	<ul style="list-style-type: none"> Foundation waterproofing, as well as below grade leaks in foundations. 	25kg
Drizoro Maxplug	A quick-setting cement-based mortar that instantly stops running water from cracks, holes or other openings in concrete. Sets within three to five minutes.	<ul style="list-style-type: none"> Sealing leaks instantly in concrete surfaces. For emergency repairs on water pipes. Will even work when the pipes are under pressure. In basement, tunnels and sewers, to stop water under pressure. 	25kg
Surface Treatments			
ACS Crete Screen	A water based, aliphatic alcohol compound which reduces the evaporation of water during the finishing processes of concrete.	Effective during high temperatures, low humidity and high winds.	20 Litres & 200 Litres
ACS Slab Clad R	A water based membrane curing compound. Enables efficient curing of the concrete, and assists in the development of strength, abrasion resistance, and durability.	Suitable for new concrete that facilitates maximum moisture retention through a 28 day curing period.	20 Litres & 200 Litres
Cement			
ACS GP Cement	A general purpose, high strength, Portland cement.	For concrete, mortar, render, plaster, foundations and any other project requiring a high strength cement.	20kg
Concrete Repair			
Polybond AC	A single component, acrylic polymer based emulsion, designed as a bonding and curing medium for concrete and patch repairs.	<ul style="list-style-type: none"> As a bonding agent for bonding new concrete to old concrete. For use in high strength repair and patching mortar. As a bonding agent for GRC mixes. As a bonding/curing agent for Polycrete repair systems. 	20 Litres
Polycrete FC	A single component polymer modified fairing coat to fill pores, blowholes, etc. on a concrete surface. Shrinkage compensated and crack resistant.	<ul style="list-style-type: none"> As a skim coat. As an aesthetic mortar. Use to cover honeycomb, and concrete blowholes. To repair patches, shutter movement damages and grout loss. As a surface preparation prior to the application of protective coatings. To create a uniform surface over prepared areas. 	20kg
Polycrete LW	A polymer modified, high build cementitious repair mortar for hand and trowel application. Suitable for general purpose concrete and masonry repairs in vertical and overhead applications. Shrinkage compensated.	<ul style="list-style-type: none"> Repair of damaged, weak or de-bonded concrete. Repair of honeycombed concrete. Patch work repair on horizontal, vertical and overhead surfaces. Replacement of concrete suffering from attack by carbonation, chlorides or sulphates. Replacement of spalled or mechanically damaged concrete. 	20kg
Polycrete ST	A high strength, fibre reinforced, polymer modified, structural grade thixotropic repair mortar system. Shrinkage compensated.	<ul style="list-style-type: none"> Structural repairs to concrete by hand or trowel application. Repairs to structural reinforced, pre-stressed floors, beams, walls and columns. Repair of concrete in highly corrosive industrial, marine structures, sea walls, port installations etc. 	20kg

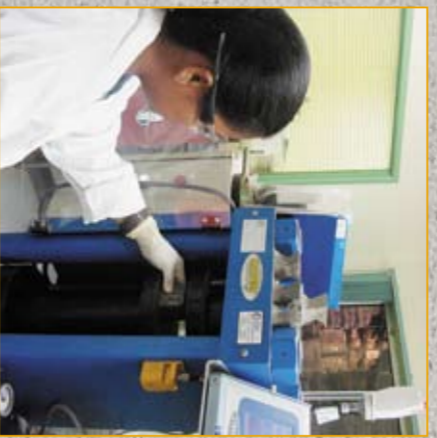
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Polypoxy MH	A triple component solvent free, thixotropic lining and benching mortar for protection of concrete. Based on a blend of epoxy resins and selected quartz aggregates.	<ul style="list-style-type: none"> As a chemical resistant internal lining and benching mortar for concrete structures. As a repair mortar for concrete joints, edges and soffits. For repair of cavities and honeycombs in concrete columns and structures. As a repair and bonding mortar on stone, bricks, concrete pre-cast blocks, steel etc. As an abrasion and impact resistant wearing course. 	10 Litre kit
Flooring Products			
Cement Based			
ACS Even Top 20	A high performance self levelling cement based underlay.	<ul style="list-style-type: none"> Smooth finishing of rough screeded floors. Levelling of concrete floors. As a base for the ACS Decra Glaze and Polypoxy flooring systems. 	20kg
ACS Even Top Underlay	A low cost, general purpose, cement based underlay.	<ul style="list-style-type: none"> As a hard smooth surface for a variety of internal concrete floors to receive vinyl and carpet. 	20kg
Resin Based Coatings			
ACS Decra Glaze 100 100% Solids	A multi-component high build, solvent free epoxy coating system for use on concrete floors. Provides a high level of chemical and abrasion resistance. Available in clear black, white, and a range of colours.	<ul style="list-style-type: none"> Food and chemical processing areas. Warehouse floors. Decorative and flake flooring. Polished concrete. Hospitals and schools. High traffic areas. 	10 & 20 Litre kits
ACS Decra Glaze WB	A low odour, high performance two component water borne epoxy coating system available in clear, white and selected colours.	Designed for commercial and industrial floor and wall applications such as:- <ul style="list-style-type: none"> Food prep areas. Washrooms and shower cubicles. Canteen areas. Hospital foyers and floors. Can be used over polished concrete and as an anti-graffiti coating. 	10 & 20 Litre kits
ACS Street Scape Seal WB	A water borne, single component, penetrating silane-siloxane designed to protect concrete and masonry structures from the ingress of water and staining from oils and other contaminants.	<ul style="list-style-type: none"> Concrete or masonry street-scape surfaces. Alfresco dining areas. Coloured and decorative concrete. Car parks and driveways. Natural stone such as sandstone and terracotta. Pre-cast and tilt up panels. 	20 Litres
CCS Hardseal	A ready to use, general-purpose acrylic sealer, formulated to protect and enhance the surface of decorative concrete.	<ul style="list-style-type: none"> Plain concrete. Stamped / patterned concrete. Resurfaced or sprayed-on concrete. Exposed concrete. Stencilled concrete. 	20 Litres
ACS Decra Tuff	An industrial strength penetrating sealer/densifier for concrete floors.	<ul style="list-style-type: none"> Warehouse floors. Commercial floors. Manufacturing plants. Distribution centers/ warehouses. Workshops. Car parks. 	20 Litres

Note: For application and installation guidelines, please refer to the relevant ACS technical data sheets.



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A reliable and well proven manufacturer of construction products since 1974.

Applied Concrete Solutions (ACS) is the specialty construction products division of River Sands Pty Ltd.

This division has been formed to manufacture and distribute superior performing products to specialist trades such as water proofing, concrete repair, polymer flooring, coatings, adhesives and rendering.

Our objective is to provide advanced products, technical support and a convenient delivery service to enable applicators, builders and specifiers to operate their business at optimum levels.

Most importantly, our field sales people are trained to understand your on-site needs and ensure your project is completed successfully. These staff have the back up support of our technical people based in our NATA approved, Brisbane laboratory.

The other divisions of River Sands include Concrete Colour Systems, Quartzon, Easy Mix and Render Systems Australia. Some of the products made or marketed under these brand names include mortars, coatings, iron oxide pigments, kiln dried and graded sands, renders and polymer modifiers.

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