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SYSTEMS
AUSTRALIA

Superior Exteriors

Exterior systems and coatings designed for professionals.

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Superior Exteriors

Introducing Render Systems Australia, an economical high performance building coating and paint system for stunning building exteriors.

The Render Systems Australia (RSA) journey began over 10 years ago with a mission to produce a range of quality renders and systems, each specifically designed to provide optimal results for each particular substrate.

Today RSA produces an extensive high-quality range of pre-formulated cementitious renders, acrylic textured coatings and paint products that complement a wide range of substrates that include brick, block, polystyrene (EPS), AAC panels and blocks, AFS, Ritek, fibre cement sheeting and concrete walling.

Backed by an extensive cement technology heritage and NATA accredited onsite laboratory, our R&D team devotes substantial resources to rigorously developing and testing each product to ensure it meet the demands of our harsh Australian climate. Our formulations save time and money delivering long-lasting aesthetics with a 7 year warranty when applied according to our specifications.

RSA delivers:

- Superior performance and versatility
- Ease of mind install warranty
- Step-by-step instructions and specifications for applicators

- Central distribution centres located in Geebung, Loganholme, Minchinbury and Nerang
- Convenient on-site delivery or distribution collection
- Eco-conscious production processes focusing on our habitat.
- Experienced technical support for applicators and specifiers
- NATA accredited onsite laboratory for product performance
- ISO 9001:2008 Quality Management System Certified
- Certified AS1530.1 non-combustible building material

Combining our advanced technical capabilities with a qualified and knowledgeable sales team you are guaranteed RSA's range of products perform to the highest standards, combining quality and durability.

RSA is owned by River Sands Pty Ltd, a Brisbane based manufacturer of cement-based products and renders since 1974. River Sands is committed to creating products from natural and renewable resources while the production process is considered and integrated through conscious collaboration.

For product samples, specification and technical assistance, multi-product solutions and pricing, either call 07 3412 8111 or visit www.rendersystems.com.au for complete assistance.

RIVER SANDS PTY LTD

Render Systems Australia is a division of Riversands Pty Ltd
www.riversands.com.au

QUALITY MANAGEMENT SYSTEM

ISO 9001:2015

Manufactured under a Quality Management System certified to ISO 9001:2015

Contents

RSA Masonry Renders

are available in either an off-white or grey cement base, can be applied in a single coat and are suitable for use all year round. Choose a set time to suit on-site conditions.

RSA Masonry Render – setting time

RSA MR 60, Grey MR 75 and MR 120 renders are pre-bonded (10% wet bond equivalent), polymer modified, cement based renders that only require the addition of potable water.

Available in either an off-white or grey cement base with a choice of setting times.

MR 60 – quicker set time
Grey MR 75 – medium set time
MR 120 – longer set time.

Features and Benefits

- Suitable for machine or hand application

- Provides a non 'tacky' formulation for easier application

- Available in three set times to suit differing on-site conditions

- Provides an extended 'hang time' for greater productivity and high early hardness

- Has great 'straightening qualities' and offers tear resistant screedability

- Possesses excellent 'come back' qualities for easy floating and finishing

- Pre-mixed – simply add water

- Certified AS1530.1 non-combustible building material (MR60, MR75 & MR120)

Suitable Substrates

When applied in accordance with the most recent spplication instructions, Masonry Render is suitable for use over correctly prepared substrates including:

- Clay bricks

- Off-form concrete

- Concrete blocks

- Concrete slab edges

RSA MR 75 – Grey
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RSA MR 60 – Off-white
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RSA MR 120 – Off-white
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RSA MR Coarse is available in either an off-white or grey cement base. With greater sag resistance for thick applications these renders offer excellent screedability.

RSA Masonry Render – Coarse

RSA Masonry Render Coarse products are pre-bonded (10% wet bond equivalent), polymer modified, cement based renders that only require the addition of potable water.

Available in either grey or off-white, MR Coarse has a coarse grain finish that is ideal for masking common substrate irregularities.
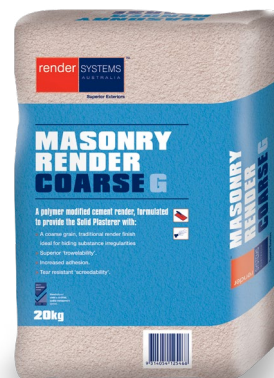
Features and Benefits

- Greater sag resistance for applications requiring a thickness greater than 4mm

- Can be applied as a full render coating in one or two coats at 7-10mm thick and 'screeded flat'

- Offers excellent screed-ability and easier floating and finishing

- Provides greater productivity and high early strength gains

- Offers an efficient initial set time which can be 'brought back'

- Pre-mixed – simply add water

- Certified AS1530.1 non-combustible building material

Suitable Substrates

When applied in accordance with the most recent application instructions, Masonry Render Coarse is suitable for use over correctly prepared substrates including:

- Clay bricks

- Off-form concrete

- Concrete blocks

- Concrete slab edges

RSA Masonry Render
Coarse G – Grey

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RSA Masonry Render
Coarse – Off-white

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RSA EP Render's

dual binding system is ideal for use over RSA approved polystyrene and AAC building systems.

RSA EP Render – Grey or Off-White

RSA EP Renders are pre-bonded (10% wet bond equivalent), polymer modified, cement based renders available in either a grey or off-white cement base.
Simple to use – just add potable water.

RSA EP Renders' higher polymer content offers greater flexibility and excellent impact resistance.
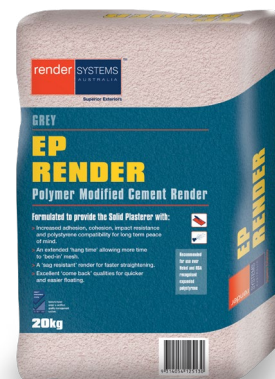
Features and Benefits

- Suitable for machine or hand application
- Less rigid formulation (slightly less cement and higher polymer levels)
- Excellent impact resistance
- A well graded sand formula for easier application and floatability
- Excellent 'come back' qualities
- High adhesion to polystyrene and AAC substrates
- Available in grey or off-white base
- Pre-mixed – simply add water

Suitable Substrates

When applied in accordance with the most recent application instructions, RSA EP Renders are suitable for use over correctly prepared substrates including:

- Clay Bricks
- Concrete Blocks
- AAC Hebel
- Polystyrene

RSA EP Render – Grey
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RSA EP Render – Off-white
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RSA AAC Supa Flex

has been developed for use with light weight cementitious substrates and is ideal for both interior and exterior use.

RSA AAC Supa Flex

RSA AAC Supa Flex is a fibre reinforced, high polymer blend that provides extra flex. Ideal for lightweight cementitious substrates, its superior adhesion, extended 'hang time' and excellent 'come back' enables greater productivity and long term peace of mind.

Features and Benefits

- Formulated for excellent crack control
- Excellent flexibility due to high polymer modifcation
- Fibre reinforced formula
- Superior adhesion
- Improved formula for easier floating and finishing
- Offers an efficient initial set time which can be brought back
- Tough, durable, scratch resistant surface
- Float or sponge for an attractive sandcoat finish
- Early hardness for easier floating
- Increased hang time for greater productivity
- Pre-mixed – simply add water

Suitable Substrates

RSA AAC Supa Flex is typically used as a single component system to cover AAC substrates. This product can be used as an initial cover coat over AAC without the need to separately reinforce joints. A second coat using a decorative sand texture finish is then applied with a RSA protective coating.

RSA AAC Supa Flex

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RSA Set & Prep is a multipurpose polymer modified cement based building adhesive for the installation of RSA approved render beads and trims.

RSA Set & Prep

RSA Set & Prep is is a versatile product formulated for the installation of PVC beads as well providing a 'key coat' for difficult substrates.

This product can also be used as a jointing compound over fibre cement sheeting when used in conjunction with RSA acrylic textures.

Features and Benefits

- Specially formulated and rigorously tested for adhesion of PVC beads and trims to all building substrates that are suitable for rendering

- An essential component for many RSA coating systems to ensure ongoing performance

- An excellent 'key' for PVC and subsequent render coats

- Ideal scratch coat over painted acrylic based surfaces

- A multi-purpose preparation product ideal for difficult substrates which speeds up application

- Pre-mixed – simply add water

Suitable Substrates

When applied in accordance with the most recent application instructions, RSA Set & Prep is suitable for use over correctly prepared substrates including:

- Polystyrene and AAC Hebel substrates (for bead and trim installations only)

- Fibre cement sheeting (for bead and trim installations and joint patching)

- Off-form concrete and concrete tilt panels

- Clay bricks

- Concrete blocks

- Sound, previously painted, acrylic based surfaces

RSA Set & Prep

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CCS BondKey

contains unique polymer additives, specialised cements and graded aggregates to create a superior, slurry bond coat for cement-based render applications.

CCS BondKey

Manufactured by the makers of RSA, CCS BondKey is a pre-mixed slurry bond coat, formulated from polymer additives, specialised cements and various graded sands and aggregates.

CCS BondKey is specifically designed to ensure a superior bond when applying cement based renders to a variety of substrates.

Features and Benefits

- Excellent adhesion to concrete, marble plaster, AAC and other cementitious substrates
- Contains a unique blend of fine sands and larger aggregates for high structural strength and a superior mechanical key
- Specialised polymer content to enhance chemical bonding, flexibility, density and structural strength
- Environmentally friendly
- Pre-mixed – simply add water

Suitable Substrates

CCS BondKey is suitable for use over correctly prepared substrates including:

- Clay Bricks
- Off-form Concrete
- Concrete Blocks
- Concrete Slab Edges

CCS BondKey

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RSA LitePak Render
is a light-weight high
build render product for
application on masonry
surfaces. Suitable
for one or two coat
applications over brick,
block or AAC substrates

RSA LitePak Render

RSA LitePak Render is a cement based combined dry powder render for pumpable spray machines or trowel applications of one or two coats over new and old brick, cement block, rough brickwork or for filling in rake joins with thicker layers of render. RSA LitePak Render is also an excellent choice for "packing out" slab edges.

Features and Benefits

- Ideal for packing out and for uneven masonry surfaces
- Can be trowelled on in smooth, thick layers
- Polymer modified for excellent bond to masonry surfaces
- Achieves a high build in a single pass
- Easily mixed to preferred consistency
- Simple to use – just add water
- Ideal for use on existing and new works alike
- Can be coated with a tinted RSA texture system
- Dependable and constant quality product

Suitable Substrates

When applied in accordance with the most recent RSA written information, RSA LitePak Render is suitable for use over a range of correctly prepared substrates including;

- Bricks
- AAC
- Concrete blocks
- Concrete slab edges
- Off form concrete
- Concrete tilt panels
- Cement Render

RSA LitePak

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RSA Flexible Mineral Texture is a premium, polymer modified, cement-based texture finish in a bag with fibre reinforcement for superior crack control.

RSA Flexible Mineral Texture

RSA Flexible Mineral Texture is a final coating texture finish in a bag developed for application by hand. Suitable for use over a range of substrates, it has the flexibility to handle the increased movement of polystyrene and fibre cement substrates.

Suitable for interior and exterior use, RSA Flexible Mineral Texture has an extended 'hang time' for greater productivity, high early hardness, excellent 'come back' qualities for quicker, easier floating.

Features and Benefits

- Fibre reinforced for excellent crack control
- Pre-mixed – simply add water
- Excellent flexibility and adhesion due to high polymer modification
- Improved formula for easier floating and finishing
- Efficient initial set time which can be brought back
- Tough, durable, scratch resistant surface, does not need priming prior to painting.
- A convenient and cost-effective final coating texture finish in a bag
- No VOC

Suitable Substrates

RSA Flexible Mineral Texture is suitable for use over a range of properly prepared substrates including;

- Polystyrene building substrates
- AAC - as a final coating over AAC Supaflex
- Concrete blocks
- Concrete slab edges
- Off form concrete
- Concrete tilt panels
- Cement Render
- Fibre Cement Sheeting
- Blue Board
- Sound previously painted (acrylic) surfaces.

RSA Flexible Mineral Texture

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RSA Polysand 800 is an acrylic based, stone enhanced product designed for use over RSA rendered substrates including fibre cement sheeting.

RSA Polysand 800 Range (LB, MB & UDB)

RSA Polysand 800 is highly flexible, high adhesion acrylic texture coating that can be tinted to acheive a finished product that does not require painting.

RSA Polysand 800 is available in Light Base (LB), Mid Base (MB) & Ultra Deep Base (UDB).

Features and Benefits

- Excellent adhesion to all properly prepared substrates

- Easy to apply non 'tacky' formulation.

- Superior flexibility, overcoming shrinkage and minor cracking associated with cement renders

- Long lasting, high integrity finish suitable for both interior and exterior use

- Formula incorporates a graded stone size that provides an excellent guide for even application

- An exteremely durable semi-smooth finish that is easy to maintain

- Suitable for tinting as a finished colour or can be painted over with RSA Rapid Shield Matt

Suitable Substrates

When applied in accordance with the most recent application instructions, RSA Polysand 800 is suitable for use over correctly prepared substrates including:

- Acrylic and cement based renders

- Slab edge, off-form and tilt panel concrete

- Painted surfaces

- Gyprock plasterboard

- Fibre cement sheeting

RSA Polysand 800

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RSA Polysand Fine is an acrylic based, stone enhanced product designed for use over RSA rendered substrates including fibre cement sheeting.

RSA Polysand Fine (LB)

RSA Polysand Fine is an acrylic based, stone enhanced texture designed for use over RSA rendered substrates.

RSA Polysand Fine can be tinted to achieve a finished product that does not require painting.

RSA Polysand Fine is available in Light Base (LB) only.

Features and Benefits

- Excellent adhesion
- Easy to apply – non 'tacky' formulation
- Plastic float finishing properties resulting in a sponged appearance
- Excellent flexibility, overcoming shrinkage and minor cracking associated with cement renders
- Long lasting high integrity finish suitable for both interior and exterior use
- Includes a stone size which acts as an excellent guide for even application
- Fine sand grain finish that offers both easy maintenance and high durability
- Suitable for tinting as a finished colour or can be painted over with RSA Rapid Shield Matt

Suitable Substrates

When applied in accordance with the most recent application instructions, RSA Polysand Fine is suitable for use over correctly prepared substrates including:

- Acrylic and cement based renders
- Slab edge, off-form and tilt panel concrete
- Painted surfaces
- Gyprock plasterboard
- Fibre cement sheeting

RSA Polysand Fine

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RSA Bling Coarse is a unique acrylic texture with a quartz shimmer that does not require over-coating with paint.

RSA Bling Coarse

RSA Bling Coarse is a unique acrylic texture coating that contains natural quartz flecks that create an attractive shimmer and sparkle when exposed to light.

RSA Bling Coarse comprises high quality washed and graded aggregates, polymers, acrylic binders, as well as water resisting and hydrophobic agents.

RSA Bling Coarse is available in Light Base (LB), Mid Base (MB) and Ultra Deep Base (UDB).

Features and Benefits

- Excellent water resistance – no need for paint
- A shimmering sparkle effect when exposed to light
- Available in a wide range of bases for tinting requirements
- Highly flexible decorative top coat
- Outstanding wet edge properties that assist the plasterer to achieve a seamless finish
- Excellent depth and coverage due to natural stone size
- Attractive finish making it ideal for any broad wall or feature area

Suitable Substrates

When applied in accordance with the most recent application instructions, RSA Bling Coarse is suitable for use over correctly prepared substrates including:

- Acrylic and cement based renders
- Slab edge, off-form and tilt panel concrete
- Painted surfaces
- Gyprock plasterboard
- Fibre cement sheeting

RSA Bling Coarse

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RSA Trowel On 2mm

is an acrylic based, stone enhanced product which provides a vertical travertine or random swirl scratch coat finish.

RSA Trowel On 2mm

RSA Trowel On 2mm is an extremely durable travertine and random swirl scratch coat finish.

Its superior adhesion and extended 'hang time' allows plasterers time to develop a seamless decorative finish ideal for both interior and exterior use.

Features and Benefits

- Excellent adhesion to all correctly prepared substrates

- Easy to apply, non-tacky formulation

- Tough, knock resistant surface perfect for over coating with RSA Rapid Shield Matt

- Superior flexibility, overcoming shrinkage and minor cracking (commonly associated with cement based renders)

- Durable, high integrity finish for both interiors and exteriors

- Travertine or vertical pattern can disguise surface irregularities that are often associated with FC/blue board substrates

- Extended 'hang time' allowing time to develop a seamless finish

- Can be used as a single coat application over sealed fibre cement sheeting

Suitable Substrates

When applied in accordance with the most recent application instructions, RSA Trowel On 2mm is suitable for use over correctly prepared substrates including:

- Acrylic and cement based renders

- Rendered bricks, blocks, Hebel, FC sheeting and polystyrene paneling and blocks

- Slab edge, off-form and tilt panel concrete

- Painted acrylic based surfaces

- Primed plasterboard

RSA Trowel On 2mm

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RSA Flexirender is a high quality acrylic based sand enhanced product ideal for FC sheeting, previously painted surfaces and other correctly prepared surfaces.

RSA Flexirender (untinted)

RSA Flexirender is ideal for use over a wide range of substrates including FC sheeting and previously painted surfaces.

RSA Flexirender is a highly flexible base coat system that results in a flatter, higher quality finish.

Features and Benefits

- Flexibile, overcoming shrinkage and minor cracking associated with cement renders

- Provides an extended 'hang time' allowing the plasterer to achieve a seamless finish

- Optional single coat finish (up to 2.5mm) over FC sheeting

- Offers excellent adhesion to all properly prepared substrates

- Results in a flatter, higher quality finish

Suitable Substrates

When applied in accordance with the most recent application instructions, |RSA Flexirender is suitable for use over correctly prepared substrates including:

- Acrylic and cement based renders (as a finishing coat)

- Fibre cement sheeting and Gyprock plasterboard

- Slab edge, off-form and tilt panel concrete

- Stable painted surfaces

- Clay cricks and concrete blocks

- AAC Hebel

RSA Flexirender

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RSA Rapid Shield Matt is a high performance, tintable pure acrylic exterior protective coating that is suitable for both RSA Masonry Renders and Acrylic Textures.

RSA Rapid Shield Matt (LB, MB & UDB)

RSA Rapid Shield Matt is a high performance, 100% acrylic, tintable protective exterior coating ideal for coating over both RSA Masonry Renders, acrylic textures and other substrates.

It assists in masking irregularities in finished textures and is 'self priming' for greater efficiency.

RSA Rapid Shield Matt is available in Light Base (LB), Mid Base (MB) and Ultra Deep Base (UDB).

Features and Benefits

- Provides excellent adhesion to all properly prepared substrates
- Excellent flow and leveling
- Self priming
- Resists mould and bacteria
- May be used as a high opacity stand alone coating

Suitable Substrates

When applied in accordance with the most recent applicationinstructions, RSA Rapid Shield Matt is suitable for use over correctly prepared substrates including:

- Acrylic and cement based renders
- Slab edge, off-form and tilt panel concrete
- Previously painted surfaces
- Gyprock plasterboard
- Soffits and timber trims
- PVC Downpipes

RSA Rapid Shield Matt

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RSA Cleanskin is a water based, clear acrylic resin that offers long lasting protection when applied over a range of tinted RSA render textures.

RSA Cleanskin

RSA Cleanskin is a water based, clear acrylic resin designed to be used as a final protective coating over tinted RSA texture systems.

This tough, durable and weather resistant clear coating ensures tinted surfaces avoid moisture staining and deterioration over time.

Features and Benefits

- Increases moisture resistance properties as part of a full acrylic system

- Enhances and effectively assists with sealing RSA Bling and tinted Polysand 800 texture systems

- Micro crack and alkali resistant

- Excellent adhesion to all properly prepared substrates

- Superior flow, leveling and wet edge properties

- Tough, durable, easy to clean, weather resistant protective coating that has excellent abrasion resistance

- Essential final coat protection for tinted textures and coatings

Suitable Substrates

When applied in accordance with the most recent application instructions, RSA Cleanskin can be used over tinted RSA texture systems applied onto the following substrates:
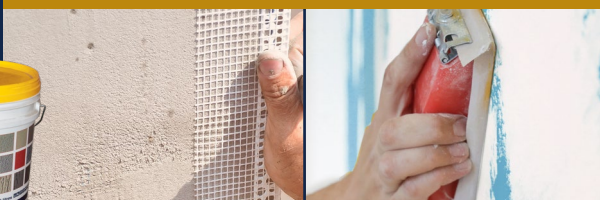
- Fibre cement sheeting

- EP rendered expanded polystyrene systems

- AAC Hebel

- Tilt panel concrete

- Correctly rendered masonry

RSA Cleanskin

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Guide to RSA Primers, Sealers and Patches

Product	Features		Uses and suitable surfaces
Render Bond Download TDS Download SDS	✓ Significantly increases the adhesion of render mixes ✓ Excellent primer and key coat capabilities		Commonly used to prime porous bricks, blocks and AAC Hebel prior to the application of render coats. (50/50 mix) • Added to render mixes where greater adhesive strength is required. • Can be mixed and applied as a primer or key coat or as a slurry coat with RSA Set and Prep, for use over concrete and low suction substrates prior to the application of RSA renders and/or textures.
Multiprime Download TDS Download SDS	Multi-purpose product – can be used as a primer, sealer or undercoat ✓ Effectively seals walls and reduces substrate suction. (Dilute 4:1) ✓ Tintable (WB and UDB) ✓ Increases the performance and integrity of subsequent acrylic products and systems N.B. Does not contain 'grit'. Use RSA Multiprime if the application requires a grit enhanced primer.		• Acrylic and cement based renders • FC sheeting • Gyprock' plasterboard • Clay brick • Concrete block • Off-form concrete
QT Lite Base Download TDS Download SDS	✓ Tintable to a light base colour ✓ Water resistant once cured ✓ Good vapour permeability ✓ Excellent flexibility and crack resistance ✓ Excellent durability ✓ Strong adhesion to properly prepared surfaces ✓ Easy to apply and does not usually require floating ✓ Water based ✓ Easy and safe clean up		• AAC Panels & Blocks • F.C. Sheeting (Blue Board) • Insitu formwork, AFS & Ritek
Patch Fine* Download TDS Download SDS	✓ Effectively fills defects in concrete and masonry surfaces ✓ Can be applied up to 4mm in a single application ✓ Easily sanded ✓ Provides an excellent base coat to create a smooth, uniform foundation in preparation for priming and protective coatings. ✓ Can be 'polished' as an internal finish. ✓ Can be used to overcoat RSA Patch Coarse and Patch Fine applications to produce a more suitable smooth finish.		• Specifically designed as a filler to complement RSA Protective Coatings • Filling defects in concrete and masonry substrates • Multiple coats may be applied for rectification of severe defects.
Patch Smooth* Download TDS Download SDS	✓ Effectively fills defects in concrete and masonry surfaces ✓ Can be applied up to 4mm in a single application ✓ Easily sanded ✓ Provides an excellent base coat to create a smooth, uniform foundation in preparation for priming and protective coatings. ✓ Can be 'polished' as an internal finish. ✓ Can be used to overcoat RSA Patch Coarse and Patch Fine applications to produce a more suitable smooth finish.		• Specifically designed as a filler to complement RSA Protective Coatings • Filling defects in concrete and masonry substrates • Multiple coats may be applied for rectification of severe defects.
Patch Coarse* Download TDS Download SDS	✓ Easy to apply ✓ Sand enhanced ✓ Effectively fills larger deviations and joint setting ✓ Can be feathered out ✓ Non suitable for sanding. Can be over-coated with Patch Smooth or Patch Fine should sanding be required and/or a smoother finish desired.		• An alternative to RSA Set and Prep for patching joints with reinforcing mesh over F.C. Sheeting and in-situ formwork (particularly where a low build acrylic is to be applied as a finish). • Can be used to patch minor irregularities in concrete surfaces and feathered out.

*All patches require the addition of 10% cement

RIVER SANDS PTY LTD	concrete SOLUTIONS	CONCRETE COLOUR SYSTEMS	QUARTZON	FASTPlast POOL RENDER	ARISTONE INTERIORS	EASY MIX Faster, Better, Easier
Filtration media and sands	Specialised products for civil and mining applications	Coloured pigments and coatings for concrete	Pool renders and finishes			Prebagged concrete, sand and gravel