



# Product Data Sheet

## Masonry Renders

### DESCRIPTION

*Masonry Renders* are pre-bonded, polymer modified cement based render which requires only the addition of clean water. All RSA *Masonry Renders* contain a unique powdered bonding agent (glue) to work with the binding power of the cement, (ie: a '**dual binding system**'), which ultimately:-

- Speeds up and simplifies the on-site mixing process;
- Increases adhesion to all suitable, properly prepared substrates;
- **Guarantees** the correct amount of bond every time - whether applied by hand or machine.
- Provides the same quality, integrity and longevity - whether applied by hand or machine.

*Masonry Renders* are suitable for interior and exterior use, providing an excellent surface for the application of acrylic textures and paints.

### ADVANTAGES

Masonry Renderers provide:-

- A non 'tacky' formulation for easier application.
- An extended 'hang time' for greater productivity and high early hardness.
- Great 'straightening qualities' via the use of darbies
- Tear resistant screedability.
- Excellent 'come back' qualities for easy floating and finishing.

### TYPICAL USES

*Masonry Renders* are generally used where a consistent high quality render product is required. They can be used as a full render coating in single or multiple coats - applied

between 7-10mm thick per coat and 'screeded flat'. Alternatively, they can be used as a thin section render applied between 4-8mm thick, which can then either be screeded flat or allowed to follow the undulations of the substrate.

Either technique can be finished ready to receive RSA acrylic render/trowel/roll-on textures. Otherwise, the render can be floated and sponge finished ready to receive two coats of an RSA roll-on finishing product such as 955 *Impact Paint*.

### SPECIAL FEATURE

**The unique dual binder system ensures that every bag mixed correctly for application over clay brick and concrete blocks, is 100% guaranteed to have integrity.**

**Note:-** Our research has found that many cheaper renders do not achieve the 10% wet bond equivalent required, to be added during the mixing process. We know that when 10% wet bond is added to cheaper renders they are no longer cheap (adding up to \$2.50 per bag) but are generally 'tacky' and difficult to apply. These reasons alone are enough to stop the bond being added - the bond that ensures render integrity!

### SUITABLE SUBSTRATES

When applied in accordance with the most recent RSA written information, all RSA *Masonry Renders* are suitable for use over all correctly prepared substrates including:-

- Clay bricks
- Concrete blocks
- Concrete slab edges
- Off-form concrete
- Concrete tilt panels.

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## THEORETICAL COVERAGE

Applied at 4mm thick, one bag of *Masonry Renders* will cover approximately 2m<sup>2</sup>.

<b>Average Thickness</b>	<b>No. of Coats</b>	<b>m<sup>2</sup> per bag</b>
4mm	1	2m <sup>2</sup>
6mm	1	1.5m <sup>2</sup>
8mm	1 or 2	1m <sup>2</sup>

**Note:** The theoretical coverage is based on a true flat substrate that has no recesses or voids with minimum suction (porosity) and depends on application techniques.

## OVER-COATING

When over-coating with RSA trowel-on acrylic renders or textures, application may commence 24 hours after completion of the *Masonry Render* application.

Prior to the application of RSA paints such as *955 Impact Paint* or roll-on coatings, the substrate must contain less than 15% Wood Moisture Equivalent (WME).

## IMPORTANT PREPARATION AND APPLICATION NOTES

(for further information refer to full instructions on packaging)

- It is absolutely critical to correctly seal or hydrate all masonry surfaces prior to application of render coats, as this limits water loss from the render to the substrate. In turn, it also keeps the water in the freshly applied render (reducing the likelihood of 'plastic shrinkage cracking') and eliminates the need to cure the render after application.
- Preparation of substrates, application of *Masonry Renders* and clean up processes must be in accordance with the latest RSA written information.
- RSA approved corner beads and trims may be installed using *RSA Set and Prep* on all substrates suitable for render. When applying any of the *RSA Masonry Renders* over brick and block - **use 3.5, 4.5 or 6mm** beads and trims as preferred.

- Total render coating thickness must not exceed 20mm. For applications that exceed 12 mm, add 5% *RSA Render Bond* per coat.
- Control/expansion/movement joints in all substrates must be carried through the trowel-on coating system to a minimum width of 10mm.
- Application of and *RSA Masonry Render* over concrete or low suction substrates must not exceed 6mm total render thickness.
- ***Masonry Renders* are not designed for use on fibrous cement sheeting, expanded polystyrene walling systems, AAC Hebel, previously painted surfaces or over 2.5mm beads or trims.**
- Protect freshly applied render from rain (for up to 24 hours), high winds, freezing and temperatures below 5°C for 48 hours after application.
- *Masonry Renders* should only be applied within a temperature range of 5-35°C.

## HEALTH AND SAFETY

Please consult the **Material Safety Data Sheet** and read the product packaging carefully before use. Material Safety Data Sheets are available by phoning **07 3287 6444** or **1800 077 744**.

**Please Note:-** The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses. To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear. Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.



**Render Systems Australia**  
**A Division of River Sands Pty Ltd**  
683 Beenleigh-Redland Bay Rd  
Carbrook 4130  
Ph:- 07 3287 6444 Fax:- 07 3287 6445

**Service Centres**  
Geebung Ph:- 07 3865 6888  
Nerang Ph:- 07 5596 2399  
Sunshine Coast Ph:- 07 5438 8900

Toll Free:- 1800 077 744

[www.render systems australia.com.au](http://www.render systems australia.com.au)