



Product Data Sheet

Primers

RSA PRIMERS

Masonry substrates can be highly alkaline and alkalinity can quickly degrade ordinary acrylic coatings. For this reason, all RSA primers have been developed to be highly alkali resistant. The use of RSA primers over masonry substrates will increase the performance and integrity of subsequent acrylic products and systems.

All RSA primers are available in 15 litre pails and should be applied using conventional paint rollers and brushes. All substrates should be clean, sound, and prepared as per relevant substrate coating information.

HIGH OPACITY PRIMER DESCRIPTION

High Opacity Primer is a pure acrylic, all purpose primer which has excellent covering qualities and greatly reduces substrate suction.

TYPICAL USES

High Opacity Primer is commonly used to prime off-form concrete ceilings for use under *RSA Stipple Low Profile* and *Stipple High Profile* roll-on RSA primers. It is suitable for use over most commonly used masonry and correctly prepared, lightweight substrates.

GRIT PRIMER AE DESCRIPTION

A pure 'grit enhanced', anti efflorescence acrylic primer developed for priming bricks and blocks.

TYPICAL USES

Grit Primer AE has been specially developed for use directly over clean, dry bricks and blocks that are to be finished with *RSA Bag and Paint* or trowel and brush coatings. *AE Primer* should be used to prime all site-mixed sand and cement renders. It is also suitable for use over fibre cement (FC) sheeting to reduce suction whilst providing a 'key' for the application of trowel-on coatings. **Note:** Allow site-mixed renders to cure for 28 days before applying *AE primer*.

SUCTION REDUCER DESCRIPTION

Suction Reducer is an economical primer for use over porous and difficult substrates prior to the application of cement or acrylic renders.

Suction Reducer reduces suction and working time while increasing the adhesion, hardness and integrity of cement based renders.

TYPICAL USES

Suction Reducer is commonly used to prime porous bricks, blocks and AAC Hebel prior to the application of render coats. **Note:-** RSA cement based renders must be applied within 72 hours after application of *Suction Reducer*. If this is not possible, another coat of *Suction Reducer* must be applied as a 'key coat' over difficult concrete and low suction substrates prior to the application of RSA renders and/or textures. Mix as follows:

1. Into a 15 litre bucket, pour 8 litres of *Suction Reducer*. Whilst gently stirring the reducer with a mechanical mixer, add two 4 litre buckets full of *Set and Prep* powder. **Note:-** Do not overcoat the surface within 48 hours.

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TILT PRIME DESCRIPTION

A specially formulated solvent based acrylic primer designed for use over properly prepared tilt panel concrete and difficult substrates.

TYPICAL USES

Tilt Prime is commonly used to prime tilt panel concrete or low suction substrates prior to the application of RSA spray-on or roll-on texture coatings or *955 impact* paints. *Tilt Prime* must be over-coated within five hours of application.

Tilt Prime must only be applied where there is sufficient ventilation. In confined spaces or areas of poor ventilation, fully enclosed air supply and supervision must be provided.

Tilt Prime is a Class 3 Flammable Good and therefore all possible sources of ignition must be removed or shut down and the product must not be used in the vicinity of naked flames or sparks. Cigarettes must be extinguished.

Product	Coverage per 15L Drum	Colour	*Dry Time to Recoat	Clean Up
High Opacity	60-75	White or pastel shades	3-4 hours	Water
Grit Primer AE	60-90	White to mid-strength colours	2-3 hours	Water
Suction Reducer	200-240	translucent	1-4 hours 48-72 hours over difficult substrates	Water
Tilt Prime	100-135	Clear	1-2 hours Must be over coated within 5 hours	Mineral turps (do not use on metal surfaces, window frames etc.)

* Drying time based on conditions at 25°C and 50% humidity.

WORKMANSHIP STANDARDS

When correctly applied in accordance with RSA substrate preparation and product application information, RSA Primers will offer a high quality background for subsequent coats.

DRYING

Please see chart for recommended drying times.

CLEAN UP

Apart from *Tilt Prime*, which requires the use of mineral turps to clean up, clean all tools and equipment with water.

OVER-COATING

Prior to application of RSA paints such as *955 Impact*, all RSA Primers and their substrate must contain less than 15% Wood moisture Equivalent (WME). **Note: Should the RSA Primers or their substrates have a moisture content of more than 15% WME the 955 paint film could blister and peel.**

IMPORTANT PREPARATION AND APPLICATION NOTES

(For more information refer to the relevant application, substrate and general information sheets).

- All primers can be applied with rollers and brushes. *Suction Reducer* can be applied using garden type sprayer.
- All site mix and non RSA sand and cement based renders must be allowed to cure for 28 days and contain less than 15% WME prior to application of RSA primers.
- It is absolutely critical to correctly prime site mix and non RSA sand and cement renders using *Grit Primer AE*.
- Preparation of substrates, application of RSA primers and clean up processes must be in accordance with the latest RSA written information (refer to the relevant application and substrate coating information sheets).

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- Control/expansion/movement joints in all substrates must be carried through the trowel-on coating system to a minimum width of 10mm.
- The product cannot be expected to hide imperfections, or remedy poor quality substrate installations.
- The product is not a substitute for good trade practices. It is the painters or applicators responsibility to assess each project to determine 'best practice'. If in doubt phone 07 3287 6444.
- Protect freshly applied product from rain, high winds, freezing and temperatures below 5°C for 48 hours after application.
- Do not use in areas subject to continual damp or fully submerged substrates.
- RSA primers are not suitable for use direct to substrate below damp proof course (DPC).

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.*



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