

# RSA POLYSAND 800 (LB, MB & UDB)

## Technical Data Sheet

May 2022

### PRODUCT DESCRIPTION

Render Systems Australia Polysand 800 is an acrylic based, stone enhanced product designed for use over RSA rendered substrates including fibre cement sheeting. RSA Polysand 800 can be tinted to achieve 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

- Provides excellent adhesion to all properly prepared substrates
- Offers an easy to apply no 'tacky' formulation
- Offers excellent flexibility, overcoming shrinkage and minor cracking associated with cement renders
- Results in a 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
- Provides a semi smooth 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, 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

### TINTING AND OVERCOATING

RSA Polysand 800 may be tinted to achieve a finished product. RSA Multiprime (tinted to finished colour) must be applied prior to the application of the tinted RSA Polysand 800. The product can also be overcoated with RSA Rapid Shield Matt.

Colour selections must achieve an LRV value > than 40% on lightweight claddings for warranty purposes. Dark colours are also prone to fading.

It is the applicators responsibility to request and sign off on a sample of each product tinted to the required colour prior to application. Please refer to the RSA Colour and Tinting Policy and Procedure document.

### PRECAUTIONS AND LIMITATIONS

This product should not be applied in windy conditions and in temperatures below 5°C (temperature must be climbing on application and should not fall below 5°C within eight hours of application) or above 35°C. Protect from freezing and temperatures below 5°C for 48 hours after application. Protect from rain for up to 48 hours after application.

When applied, this product cannot be expected to hide imperfections, correct poor quality substrate installations or overcome preparation / workmanship deficiencies.

This product does not have the ability to bridge structural cracks other than micro / hairline cracks.

Batch-to-batch colour variations may occur due to the incorporation of natural sand in the product.

Substrates and previous RSA coatings must contain less than 15% Wood Moisture Equivalent (WME) prior to the application of RSA Polysand 800.

### WARRANTY

Render Systems Australia (RSA) offers a 7 year Product Warranty provided:

1. All substrates are installed in accordance with manufacturers specifications, Australian Standards and Good Trade Practices.
2. All products and processes as detailed above are applied by an RSA preferred contractor and in accordance with RSA Technical Data Sheets, Specifications, Application Guidelines and Good Trade Practices.
3. Guidelines Only – always refer to RSA System Specifications and Application Guidelines.

**RSA strongly recommend viewing a physical product sample prior to selection of finish and colour.**

### FURTHER INFORMATION

For further information consult the Material Safety Data Sheet (MSDS) and read the product label carefully before use.

MSDS documents are available by phoning 1800 077 744.

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TECHNICAL AND APPLICATION DATA	
Colour Bases	Light Base (LB), Mid Base (MB) & Ultra Deep Base (UDB)
Coverage	One 15 litre pail applied at 1mm thick will cover approximately 10m <sup>2</sup>
Toxicity	Non-toxic, lead free and dry film is non-toxic and conforms with AS 1647
Application	Hawk and Trowel
Drying Time	Please refer to the Application Guidelines for relevant substrate & product
Over Coating	Please refer to the Application Guidelines for relevant substrate & product
Wet Film Thickness	1085 microns
Dry Film Thickness	673 microns
Shelf Life	Two years when stored in a cool, dry environment
Coats	1 - 2 coats
Flammability	Non-flammable
Clean Up	Protect all areas not to be coated and clean with potable water

TRANSPORT AND STORAGE	
Packaging Type	15 litre plastic pails
Pails Per Pallet	48
Weight	19.5kg
Dangerous Goods	n/a

**DISCLAIMER:** The information relating to the application of the above products is given in good faith based on our current knowledge and experience of the product when properly stored, handled and applied. We for any purpose other than the 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 liability for loss or injury caused by improper use, incompetent preparation, inexperienced or negligent application, or ordinary wear and tear.

All information is correct at the time of printing, however due to our policy of continuing product improvement, we reserve the right to change specifications and literature without written notice. It is the responsibility of those using this information to ensure that it is correct and up to date prior to applying or specifying any of the above mentioned products.