



Product Data Sheet

Polysand 800

DESCRIPTION

Polysand 800 is a 100% pure acrylic based, stone enhanced products designed for use over properly installed and prepared FC sheeting, polystyrene building systems and where a flexible long lasting finish is desired.

Polysand is supplied ready to use in 15 litre pails.

ADVANTAGES

Polysand 800 provides:

- Excellent adhesion to all properly prepared substrates.
- A tough, knock resistant surface that is perfect for over coating with RSA 955 *Impact Paint* or *Clear Coat*.
- Excellent flexibility, overcoming shrinkage and minor cracking that is associated with cement renders.
- A long lasting high integrity finish that is suitable for both interior and exterior use.
- Easy to apply non tacky formulation.
- A stone size which acts as a guide for even application.
- Less wear and tear on shoulders and more square metres finished per day - as it easier to apply, and float finish.

TYPICAL USES

Polysand 800 is typically used over properly prepared FC Sheeting, EP rendered expanded polystyrene, AAC (Hebel), tilt panel concrete and rendered masonry.

Polysand 800 can also be used over properly prepared pre-painted surfaces where a 'low build' finish (1-3mm) is required.

SUITABLE SUBSTRATES

When applied in accordance with the most recent RSA written information, *Polysand 800* is suitable for use over all properly prepared substrates including:-

- Acrylic and cement based renders
- Bricks, blocks and AAC (Hebel)
- Slab edge, off-form and tilt panel concrete
- Painted surfaces,
- Fibre cement sheeting
- Expanded polystyrene paneling and blocks
- Plasterboard.

THEORETICAL COVERAGE

When applied as a tight coat one 15 litre bucket will cover approximately 12-13m².

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.

APPLICATION AND THICKNESS

Polysand 800 is applied by steel trowel in thicknesses from 1mm-2mm per coat. Subsequent coats can be applied to build the depth up to 6mm if required. When applied as a tight coat (approx 1mm thickness) and plastic floated a look similar to the RSA sample will be achieved. Provide adequate drying time between coats- approximately 24 hours per millimeter thickness at 25°C and 55% relative humidity).

FINISHING

Polysand 800 is finished using a plastic float.

Polysand 800 Product Data Sheet

WORKMANSHIP STANDARDS

When correctly applied in accordance with RSA Substrate Preparation and Product Application information, *Polysand 800* will offer a high quality, seamless, and natural finish.

Allow 24 hours drying time per 1mm of applied *Polysand 800* (based on conditions at 25°C and 55% relative humidity).

CLEAN UP

Clean all tools and equipment with water.

OVER-COATING

Prior to the application of RSA paints such as *955 Impact Paint* or *Clear Coat* the *Polysand 800* and its substrate must contain less than 15% Wood Moisture Equivalent. **Note: Should the *Polysand 800* have a moisture content of more than 15% WME the 955 paint film could blister and peel and the *Clear Coat* may maintain a 'milky/cloudy' look.**

IMPORTANT PREPARATION AND APPLICATION NOTES

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

RSA strongly recommend the use of our 'full' render, texture paint systems over all substrates especially blue board, polystyrene and AAC Hebel. Using the full integrated system is critical to the success and guarantee of the coating system.

We DO NOT recommend mixing and matching different products from different manufacturer's as part of a coating system - as they have not been tested for adhesion or cohesion with RSA products.

- 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 primer and then *Polysand 800*.

- 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 *Polysand 800* and clean up processes must be in accordance to the latest RSA written information refer relevant application and substrate coating information sheets.
- Control/expansion/movement joints in all substrates must be carried through the trowel-on coating system to a minimum width of 10mm. Product cannot be expected to straighten substrates, hide major imperfections, or remedy poor quality substrate installations.
- Product is not a substitute for good solid plastering trade practices. It is the plasterer's 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.
- Product should only be applied within a temperature range of 5-35°C.
- Do not use in areas subject to continual damp or fully submerged substrates.

Polysand 800 Product Data Sheet

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, inexperienced 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: Ph:- 1800 077 744

www.renderystemsaustralia.com.au