



Product Data Sheet

Flexi Render (formerly Acrylic Render)

DESCRIPTION

Flexi Render is a 100% pure acrylic based, sand enhanced product designed for use over correctly installed and prepared FC sheeting, polystyrene building systems and where a flexible long lasting finish is desired.

Supplied ready to use in 15 litre pails, *Flexi Render* cannot be coloured, however it is an ideal base coat for more decorative textures or alternatively, it can be left as a sponge finish where a close textural match to *RSA Masonry Render* is required.

ADVANTAGES

Flexi Render provides:

- Excellent adhesion to all correctly prepared substrates.
- A tough, knock resistant surface perfect for over coating with *955 Impact* paint.
- Excellent flexibility, overcoming shrinkage and minor cracking associated with cement renders.
- A long lasting, high integrity finish suitable for both interior and exterior use.
- A good grain size to help disguise glancing light/critical/side light issues.
- An extended 'hang time' which helps the plasterer to provide a seamless finish.
- For an optional one coat finish (up to 2.5mm) over Fibre Cement sheeting.
- A flatter, high quality finish because floating can be done using conventional render floats.

TYPICAL USES

Flexi Render is typically used over correctly prepared FC Sheeting, EP rendered expanded polystyrene, AAC (Hebel), tilt panel concrete

and rendered masonry. *Flexi Render* 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, *Flexi Render* 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

Average Thickness	No. of Coats	m ² per 15 L Bucket
1mm	1	15m ²
2mm	1 or 2	7.5m ²
3mm	1, 2 or 3	5m ²

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

Flexi Render is applied by steel trowel in thicknesses from 0.5mm-2.5mm per coat. Subsequent coats can be applied to build the depth up to 6mm if required. When applied at approximately 1mm thickness, floated and sponge finished, a look similar to the RSA sample will be achieved.

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FINISHING

Flexi Render applied at 1mm or more in a single coat, is generally floated using a polystyrene float. When applied at less than 1mm as a “tight coat” it is generally floated using a plastic float. Both floating techniques allow the *Flexi Render* to be left ready to receive trowel on texture or floated and sponged ready to receive RSA roll on textures or *955 Impact* paint.

WORKMANSHIP STANDARDS

When correctly applied in accordance with RSA substrate preparation and product application information, *Flexi Render* will offer a high quality, seamless finish.

DRYING

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

CLEAN UP

Clean all tools and equipment with water.

OVER-COATING

When over-coating with RSA trowel-on acrylic textures, application may commence when *Flexi Render* is dry (refer DRYING section).

Prior to the application of RSA paints (ie:- *955 Impact* paint) or roll on coatings, the *Flexi Render* and its substrate must contain less than 15% Wood Moisture Equivalent (WME).

Note: Should the *Flexi Render* 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 relevant application, substrate and general information sheets)

RSA strongly recommend the use of our ‘full’ render, texture paint systems over all substrates for 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% Wood Moisture Equivalent prior to application of RSA primer and *Flexi Render*.
- It is absolutely critical to correctly prime the site mix and non RSA sand and cement renders using *Grit Primer AE*.
- Where *1.5 or 2mm Flexi Render* is to be used as a finish over blue board, a 1mm coat of *RSA Flexi Render* should first be applied as a base/primer/key coat.
- Where *2.5 or 3mm Flexi Render* is to be used as a finish over blue board, first prime the surface using *RSA Grit Primer AE*.
- Preparation of substrates, application of *Flexi Render* and clean up processes must be in accordance with the latest RSA written information.
- Control/Expansion/Movement Joints in all substrates must be carried through the *Flexi Render* coating system to a minimum width of 10mm.
- *Flexi Render* cannot be expected to straighten substrates, hide major imperfections, or remedy poor quality substrate installations.
- *Flexi Render* 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.

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- 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.

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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