



Product Data Sheet

Trowel-On Scratch Coats 1.5, 2, 2.5 and 3mm

DESCRIPTION

Trowel-On is a 100% pure acrylic based, stone 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, *Trowel-On* can be factory tinted to a wide range of commercially available light to mid strength colours and provides a vertical 'Travertine' or random 'Swirl' scratch coat finish. *Trowel-On* is a long lasting easily maintained weatherproof finish when over-coated with *RSA 955 Impact* low sheen paint.

ADVANTAGES

Trowel-On provides:

- Excellent adhesion to all correctly prepared substrates.
- A tough, knock resistant surface perfect for over coating with *RSA 955 Impact* paint.
- Excellent flexibility, overcoming shrinkage and minor cracking that is associated with cement renders.
- A long lasting high integrity finish suitable for both interior and exterior use.
- A travertine or vertical pattern which can disguise glancing light/critical/side light issues that are often associated with FC/blue board substrates.
- An extended 'hang time' helping the plasterer to provide a seamless finish
- For a one coat application (for 2.5 and 3mm *Trowel-On*) over sealed fibre cement sheeting.

TYPICAL USES

Trowel-On is typically used over correctly prepared FC Sheeting (where a minimum 2mm dry film thickness is required), EP rendered expanded polystyrene, AAC (Hebel), and rendered masonry. *Trowel-On* 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, *Trowel-On* 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
1.5mm	1	11m ²
2mm	1	9 m ²
2.5mm	1	7 m ²
3mm	1	5 m 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.

Trowel-On Product Data Sheet

APPLICATION AND THICKNESS

Trowel-On is applied by steel trowel in a 'tight' coat to the thickness of the product's stone size. When applied as a tight coat and polystyrene floated, a look similar to the RSA sample will be achieved.

FINISHING

Trowel-On is finished using a high grade, dense polystyrene striker float and left ready to receive *RSA 955 Impact* paint.

WORKMANSHIP STANDARDS

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

DRYING

Allow 24 hours drying time per 1mm of applied *Trowel-On* (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 (ie:- *955 Impact* paint) or roll-on coatings, the *Trowel-On* and its substrate must contain less than 15% Wood Moisture Equivalent (WME). **Note: Should the *Trowel-On* 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 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 *Trowel-On*.
- 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 Trowel-On* is to be used as a finish over blue board, a 1mm coat of *RSA Acrylic Render* should first be applied as a base/primer/key coat.
- Where *2.5 or 3mm Trowel-On* is to be used as a finish over blue board, first prime the surface using *RSA Grit Primer AE*.
- Preparation of substrates, application of *Trowel-On* and clean up processes must be in accordance with the latest RSA written information.
- Batch to batch colour variations will occur due to the use of natural sand in the product. Correct mixing and batching must be adhered to (see RSA's *Working with Coloured Products* information sheet)
- Control/expansion/movement joints in all substrates must be carried through the *Trowel-On* coating system to a minimum width of 10mm.
- *Trowel-On* cannot be expected to straighten substrates, hide major imperfections, or remedy poor quality substrate installations.
- *Trowel-On* 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.

Trowel-On Product Data Sheet

- 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, 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.*



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