

RTP Bendi Render

PRODUCT TYPE

Acrylic Base Coat /
Acrylic Trowel On Texture

PACKAGING

15L Heavy Duty Plastic Pail

NOMINAL WEIGHT

25kg

PRODUCT DESCRIPTION

RTP *Bendi Render* is a sand enhanced, multi-use product designed as a full acrylic version of sand and cement based render. RTP *Bendi Render* is formulated to be used over rigid surfaces such as Blue Board, F.C. Sheeting, and other substrates that require a highly flexible 'render' where tolerance to movement and adhesion compromises must be considered. RTP *Bendi Render* can be used as a base coat for RTP texture products, or sponge finished to emulate the appearance of sand and cement based renders ready for approved external membrane coatings ('paint') such as RTP Protect. RTP *Bendi Render* can also be used as a light weight coating over previously painted acrylic surfaces. When joints are patched with an approved cementitious patching compound and RTP approved mesh, RTP *Bendi Render* will assist in bridging hairline cracking and disguising peaking of joints common to the effects of movement on these substrates.

FEATURES

- ✓ Highly Flexible
- ✓ Superior crack resistance
- ✓ Excellent Adhesion
- ✓ Superior durability
- ✓ Excellent depth of coverage
- ✓ Effective workability time
- ✓ Sand enhanced

BENEFITS

- ✓ Ease of application
- ✓ Water based
- ✓ Provides uniform base for subsequent coats
- ✓ An effective way to harmonize preferred sponge finished appearances across composite substrates
- ✓ Can be applied & finished in one coat
- ✓ Easy and safe clean up.

SUITABLE SUBSTRATES – When properly prepared

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| <ul style="list-style-type: none"> • Fibre Cement Sheeting, Blue Board, Plasterboard • Permanent Formwork Panel systems (AFS, Ritek) • Bagged acrylic based renders and site mix render • Primed Autoclaved aerated concreted | <ul style="list-style-type: none"> • Sound acrylic painted surfaces • Slab edge, off-form and tilt-panel concrete • Clay brick • Concrete blocks |
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SUBSTRATE PREPARATION

- Areas not to be coated should be masked and protected.
- All surfaces to be coated must be clean, sound, free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.
- Substrates must not contain more than 15% moisture prior to application.
- Substrate Check - substrate has been installed in accordance with the manufacturer specifications, technical data, good building practices and relevant Australian standards. Poor panel alignment will not be overcome by coating systems. Patch relevant joints according to RTP approved specifications

TRANSPORT AND STORAGE

- Pails should not be stacked more than three (3) high during transportation and must be transported upright
- Store in a cool place, upright, out of direct sunlight and above 4°C

APPLICATION GUIDELINES – TROWEL ON APPLICATION

Refer to the RTP system specification for the substrate being coated and carry out the appropriate preparation.

Application

RTP *Bendi Render* does not require thinning or dilution

Mix product to ensure consistency, aeration and activation of product properties.

Apply RTP *Bendi Render* by steel trowel to a thickness of 0.5 - 2.5mm in one application. Multiple coats are possible up to 6mm.

Finishing – Sponge finish

1. Apply RTP *Bendi Render* evenly over the prepared surface using a hawk and steel trowel, slightly over the thickness of the sand particles for best results.
2. Apply in an efficient, uniform and uninterrupted manner, maintaining a wet edge.
3. Follow trowel-on application with a polystyrene or plastic float, using circular motions to flatten the surface.
4. On the final coat (initial or multiple), using a soft, damp sponge, lightly move of the surface in a circular motion to bring the sand granules to the surface to finish.
5. Surface areas should be finished at a natural break such as an external or internal corner or expansion joint.
6. Over coat with RTP *Protect* per TDS.
7. **Clean Up** with water.

Finishing – As a base coat ready for subsequent coats or decorative texture

1. Apply RTP *Bendi Render* evenly over the prepared surface using a hawk and steel trowel, slightly over the thickness of the sand particles for best results.
2. Apply in an efficient, uniform and uninterrupted manner, maintaining a wet edge.
3. Follow trowel-on application with plastic float, using circular motions to flatten the surface.
4. The base coat is now ready for RTP texture product systems or a finishing coat of RTP *Bendi Render* (*Bendi Render* must be over-coated with RTP *Protect*).

Disclaimer: RTP will not accept responsibility for product misuse, incompetent or inexperienced application or typical wear and tear of the finished application. The product cannot be expected to hide substrate imperfections or deficiencies in substrate or coating preparation or installation.

TINTING & OVER COATING

- RTP *Bendi Render* is not a tint-able product and is not designed as a final finish coating. There is only one base and therefore variations in colour can be expected if tinting to assist opacity of subsequent finishing products.
- RTP *Bendi Render* is over-coated with RTP *Diamond Texture* and/or RTP *Protect* systems which can be tinted to an extensive range of colours. RTP recommend obtaining a sample of the colour in *Diamond Texture* for the client's approval prior to ordering the product for the job. Check colour before use and follow RTP Colour and Batching Guidelines.
- Not all colours (dark tones) are suitable for use over dense rigid surfaces, particularly in persistent full sun exposure.

IMPORTANT CONSIDERATIONS

- Prime the surface with RTP *Primer*, if applying RTP *Bendi Render* at more than 2.5mm as a single coat over F.C. Sheeting, Blue Board, Plasterboard, AFS or Ritek.
- Sound previously painted acrylic surfaces can be primed with RTP *Primer* prior to the application of RTP *Bendi Render* for enhanced management of the application process.
- It is advised that superior results will be achieved when a minimum 1mm base coat of *Bendi Rendi* is applied over F.C. Sheeting, Blue Board & Plasterboard finishes.
- This technical data forms a generic application guideline. Site specific specifications should be sought, particularly for projects impacted by non-typical or inordinate environmental, geographical or architectural conditions.
- Care should be taken to keep RTP *Bendi Render* off windows and adjacent surfaces that are not to be coated.
- Do not apply RTP *Bendi Render* when rain is anticipated within 4 hours of completion of the days' work.
- Avoid application in full sun, on hot surfaces or in windy conditions.
- Application should be carried out on a day with temperatures above 10°C and below 32°C
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost and severe weather conditions until fully dried

TECHNICAL DATA

APPEARANCE	Milky white, granular viscous liquid	
ODOUR	Low	
DANGEROUS GOODS	Not applicable	
TOXICITY	Lead free. Conforms with AS 1647	
SPECIFIC GRAVITY (NORMAL)	1.6	
THEORETICAL COVERAGE	Approx 10m ² /15ltr @ 3mm	
WET FILM THICKNESS (RECOMM)	3000 microns	
DRY TIME (25°C & 50% RH) (APPROX)	Dry Time	Overcoat
	2 Hours Tack Free	24 Hours
NO. OF COATS	Typically 1 coat with possible multiple coats	
GLOSS LEVEL	Matt – textured	
SHELF LIFE (Stored Correctly)	Unopened Containers - Max 2yrs	From date of manufacture

SAFETY & HANDLING / FIRST AID MEASURES

Refer to **MSDS** for **RTP Polybase HB** before use. For further information on Material Safety Data Sheets, call the RTP Tech – Info line on **02 9896 8111** or visit **www.RTP.com.au**

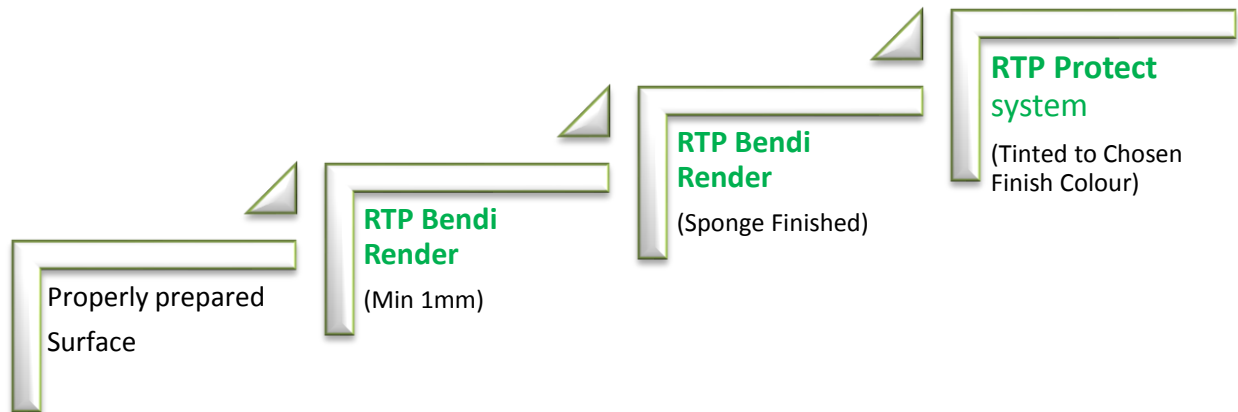
MANUFACTURED FOR

RENDER TEXTURE PAINT SUPPLIES T/A RENDER TEXTURE PANELS (RTP)

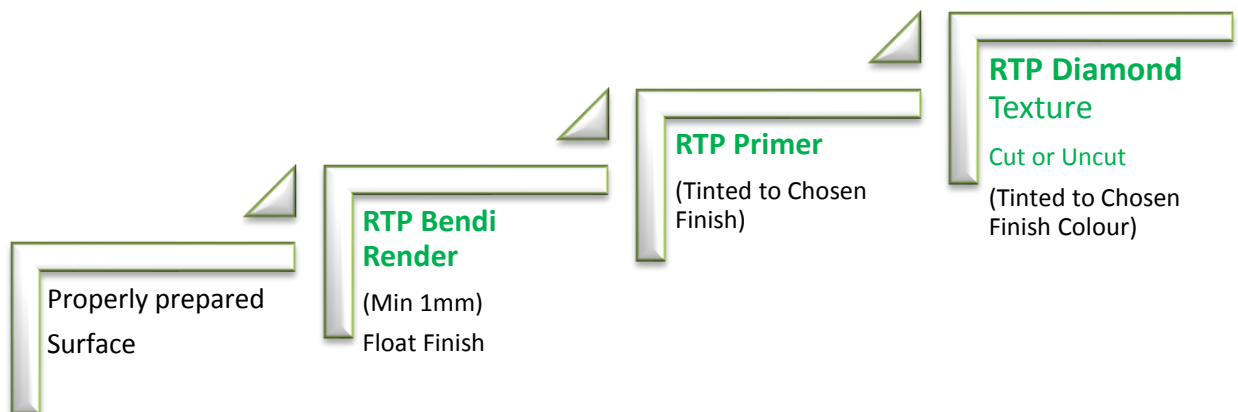
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The data provided herein is correct at the time of publication; however it is the user's responsibility to check that it is current prior to specification or application of the product or coating system. Site factors must be considered. Information, recommendations and advice given by RTP staff is offered in good faith and deemed dependable, however it is provided without liability or responsibility without excluding or limiting responsibility under relevant Government Acts.

Typical Steps – Bendi Render Sponge Finish



Typical Steps – Bendi Render ready for texture



Typical Steps – Bendi Render

1. One coat over 2.5mm on F.C. Sheeting and similar substrates
2. Over previously painted surfaces

