

Technical Data Sheet

CROScoat® Acrylic Render

CROScoat Acrylic Render is a general-purpose polymer modified render with superior adhesion and flexibility properties. It is suitable for a wide range of indoor and outdoor applications and can be used on multiple surfaces. The specially engineered formula provides a highly workable, durable finish, that can be applied to a thickness of up to 10mm in a single application.

Features & Benefits:

- Pre-blended, requires only the addition of water
- Excellent adhesion
- Easy to apply with a creamy texture
- Suitable for indoor and outdoor applications
- Minimal drying shrinkage
- Can be applied to a thickness of up to 10mm in a single application

Suitable For:

- Brickwork
- Concrete blockwork
- Concrete wall
- AAC (Autoclaved Aerated Concrete)

Surface Preparation:

The surface to be rendered must be sound, free from dust, grease, oil, efflorescence, all loose contaminating materials, coatings and curing compounds. Existing concrete should be allowed to cure for 28 days prior to rendering. Follow the table below for best performance.



Non-Porous	Porous & Strong Surface (Bricks, Concrete Blocks)	Porous & Weak Surface (AAC, Old Concrete)
Prime with CROSflow® Primer. Allow to touch dry (If primer left for more than 24 hours it should be primed again.	The surface must be damp, use a spray of water prior to application to prevent rapid drying of the render. For hot dry conditions it is recommended to dilute the primer with water to a ratio of 1:1.	Soak surface with 1 part primer and 2 parts water. Allow to touch dry.

Mixing:

Place approximately 3.3 litres of potable water into a clean bucket and slowly add CROSCOAT Acrylic Render while mixing with an electrical mixer. Always be sure to add product to water, not water to product. Mix to a smooth workable consistency. Once achieved let the mixture sit for 5 minutes to allow the polymers to activate. Remix again to desired consistency and apply immediately. Pot life is approximately 1 hour depending atmospheric conditions.

Application:

CROSCOAT Acrylic Render can be applied with a steel trowel in one application to a thickness of 10mm. A straight edge can be used with vertical and horizontal strokes to obtain a flat surface. After 20 – 30 minutes, depending on the type of surface and atmospheric conditions, work can begin on finishing the surface. A plastic, wooden, or styrene float is recommended for a smooth finish. A sponge or woollen mitt can be used for a course or sandy effect. Finished surfaces can be painted once the render has completely hardened and cured.

- Do not apply CROSCOAT Acrylic Render in temperatures below 10C or above 35C, or in extreme conditions such as high wind or direct sunlight
- After application, the wall should be protected from rain, frost and direct sunlight for the first 24 hours.
- CROSCOAT Acrylic Render is not recommended for application over blueboard, EPS, PVC, tiles and painted surfaces.

Drying Time:

Surface will be touch dry in approximately 1 – 2 hours. A second coat can be applied after 6 – 8 hours if required. The surface will reach full cure after 7 days. Changes in atmospheric conditions can accelerate or delay the drying time.

Coverage:

As guide 20kg of CROSCOAT Acrylic Render will cover approximately:

- 6.5m² at 2mm thickness
- 2.6m² at 5mm thickness
- 1.3m² at 10mm thickness

Clean Up:

Wash all tools in water immediately after use.

Packaging:

20kg Polyethylene (PE) bags.

Shelf Life & Storage:

The shelf life of the product is 18 months from the date of manufacture, if stored indoors in accordance with the recommended storage conditions. Store in dry conditions, in unopened and undamaged PE bags and in temperatures below 30C. If stored in excessive temperature conditions, externally exposed to the elements or in high humidity conditions, the shelf life may be reduced.

Safety Data:

This product may cause irritation and an allergic reaction to the skin. It may cause serious eye injury and irritation to the respiratory system. In case of contact with the eyes rinse with running water (15 mins) including removal of contaminated clothing. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust, fume, gas, mist, vapours, spray. Ensure adequate ventilation during mixing and application. A class P2 dust mask is recommended for use when handling powdered material. For detailed information, refer to the SDS for CROSCOAT® Acrylic Render.

Product disclaimer:

Recommendations and advice regarding the use of this product are to be taken as a guide only. The manufacturer of this product and any of its affiliate companies cannot be held responsible for any loss or damage arising from the incorrect usage of this product. The use of this product is beyond the manufacturers control, and liability is restricted to the replacement of material should the product be proven faulty.

The information contained herein is to the best of our knowledge, true and accurate.

We reserve the right to update information without prior notice.

No warranty is implied or given to its completeness or accuracy in describing the performance or suitability of the product for a particular application.

FOR MORE INFORMATION ON CROSBIE PRODUCTS PLEASE CONTACT US:

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