



ComCrete

Multipurpose Bonding and Sealing Agent.

DESCRIPTION

Crommelin[®] ComCrete is a premium multipurpose admixture, sealer and bonding agent designed for commercial building, DIY projects and crafts.

Crommelin[®] ComCrete's concentrated and high solids formula is designed to deliver superior adhesion, coating performance and excellent strength to cementitious materials.

FEATURES AND BENEFITS

- Sealer, admixture and cement additive.
- Excellent bonding strength.
- Economical – high dilution ratio.
- Easy to use.
- Sets in as little as 30 minutes, achieves maximum strength in 24 hours.
- Provides a seal and bond coat prior to tiling.
- Ideal for priming and sealing before painting, renders, toppings or patching of surfaces.

AREAS OF USE

ComCrete is suitable for use in the following projects:

- Timber joinery and craft work.
- Cement admix additive.
- Sealing and priming prior to over-coating.
- Renders, toppings or patching.
- Tiling admix and beddings.
- Dust proofing.
- Plaster setting onto concrete.
- Interior and exterior.
- **Note: Not for use in permanently wet areas**

SUITABLE SUBSTRATES

ComCrete is suitable for use on the following surfaces:

- Freshly poured concrete.
- Timber and woodwork.
- Existing floors.
- Arts and crafts.
- As an admixture to cement or sand screed.

APPLICATION TOOLS

- Crommelin[®] Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin[®] Contractor Membrane Roller Cover – 230mm.

SURFACE PREPARATION

Full surface preparation instructions can be found at www.crommelin.com.au/full-instructions/

Surfaces must be clean, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants. Use Crommelin[®] Water Rinsable Degreaser to remove grease, oils etc.

- Ensure all substrates have been installed as per manufacturer's instructions.
- Ensure any areas where treatment is not required are suitably protected with plastic drop sheets or similar.

PRODUCT PREPARATION, COVERAGE AND CURE TIME

- Simply stir well prior to application.
- Dilute Crommelin[®] ComCrete as per below, specific to your project.

| Project | Mix Ratio ComCrete to water | Coverage Per 1L ComCrete | Dry Times |
|--------------------|--------------------------------|-----------------------------|------------------------------------|
| Adhesive | No Dilution | 3.5m ² | 30 minutes Full cure – 12 hours |
| Light Sealing Coat | 1:6 | 42m ² | 12 hours |
| Sealing Coat | 1:4 | 35m ² | 24 hours |
| Bond Coat | 4:1 | 8m ² | 30 minutes Apply while tacky |
| Admix | 1:10 | 20kg cement | 24 hours Full cure – 4 weeks |
| Tiling Bond Coat | 1:1 | 17.5m ² | 30 minutes Apply while tacky |
| Tile Screed Mix | 1:4 | 8kg cement | 24 hours Full cure – 4 weeks |



APPLICATION CONDITIONS

- Concrete between 10⁰c and 35⁰c.
- Do not apply if humidity is too high, or likely to be during the initial cure phase. Maximum recommended humidity during application and cure is 85%.
- Do not apply if rain is expected within 48 hours, weather details may be checked at <http://www.bom.gov.au>.

APPLICATION PROCESS

Full application instructions can be found at www.crommelin.com.au/full-instructions/

- Apply using the dilution and coverage rate applicable to the surface or mixture appropriate to your project.

As an adhesive:

- Apply a single coat onto one surface.
- Ensure sufficient material is applied to cover one surface required for bonding.
- Avoid spreading once drying begins.
- Tightly clamp surfaces together until dry – approximately 30 minutes. Full strength in 24 hours.

As a Sealer and Bond Coat:

- Due to the wide variety of surfaces, finishes and locations, apply a small test area to ensure the desired finish is achieved before full application.
- Apply evenly as per recommended dilution and coverage rates.
- Allow to dry overnight before applying further coats if required.

As an Admixture and Tile Screed Mix

- Mix Crommelin[®] ComCrete according to the recommended dilution and addition rates.
- Add dilution to prepared sand/cement and mix thoroughly.
- Apply concrete renders and mortars as per normal practice.
- Use immediately.
- Full cure in 4 weeks.

CLEAN UP

- Clean all tools and application equipment with warm water and detergent.

SIZES

Crommelin[®] ComCrete is available in 4L pails.

RELATED PRODUCTS

- Crommelin[®] Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin[®] Contractor Membrane Roller Cover – 230mm.
- Crommelin[®] Water Rinsable Degreaser.



MAINTENANCE AND REPAIR

- Protect **ComCrete** coatings from harsh chemicals, abrasion and other potentially damaging conditions.
- Regular cleaning of coated surfaces to remove abrasive agents and surface contaminants is recommended.

PRECAUTIONS

- Ensure adequate surface preparation is carried out to allow even application.
- Ensure a trial patch is applied to ensure suitability for coatings, required slip resistance and desired result is achieved.
- Ensure any existing coatings are compatible or removed prior to application.
- Do not apply during periods of extreme weather conditions – temperature or humidity. Apply between concrete temperatures of 10⁰c and 35⁰c and less than 85% humidity. To check these conditions, refer to <http://www.bom.gov.au>

TRANSPORT AND STORAGE

- Size: 4L
- Weight: 4.7kg
- Cool and Dry Storage
- UN Number: N/A
- DG Class: N/A
- Flash Point: N/A
- Hazchem Code: N/A
- Poisons Schedule: N/A

SAFETY AND FIRST AID

Crommelin[®] **ComCrete** Safety Data Sheet is available from **Crommelin**[®] upon request.

Safety

- Ensure good ventilation and avoid breathing vapours.
- Avoid skin and eye contact. Wear gloves and eye protection. Remove splashes on skin immediately and remove contaminated clothing.
- Keep out of reach of children.
- Keep container sealed when not in use.
- Do not swallow.

First Aid

- If poisoning occurs, contact a doctor or poisons information centre: Ph. 13 11 26.
- If swallowed, do not induce vomiting. Give a glass of water to drink.
- If in eyes, hold eyes open and flood with water for at least 15 minutes.
- If not breathing, apply artificial respiration.

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Any advice, recommendation, information, assistance or service provided by **Crommelin**[®] in relation to its products or their use is given in good faith, however is provided without responsibility or liability.

Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.

Crommelin[®] also reserves the right to update information without prior notice, to reflect ongoing research and product development.

