

# Barricade<sup>®</sup> RGB

Waterborne sacrificial anti-graffiti coating.

## DESCRIPTION

Barricade<sup>®</sup> RGB is a waterborne sacrificial anti-graffiti coating incorporating a specialised polymer system that provides a clear barrier against graffiti and other pollutants. Graffiti can be removed by hot water, pressure steam cleaning or Crommelin<sup>®</sup> HD Cleaner, leaving the substrate clean and ready to be recoated.

As a sealer, Barricade<sup>®</sup> RGB acts as a reliable water repellent whilst allowing the substrate to “breathe”. The coating is UV and weather resistant and contains a highly effective dry film fungicide to inhibit biological growth.

## ADVANTAGES

Barricade<sup>®</sup> RGB delivers the following advantages;

- Does not alter the surface appearance of suitable substrates.
- Removal does not damage the surface of the stone.
- Allows substrates to “breathe”.
- Resistant to a wide range of graffiti.
- Non toxic, environmentally friendly system – low VOC.
- Provides antimicrobial protection for the treated surface.
- Excellent UV stability and weather resistance.
- Long term biocidal protection.
- Ease of application.
- Excellent water repellence.

## AREAS OF USE

Barricade<sup>®</sup> RGB is suitable for use in the following areas;

- Public Buildings
- Schools
- Areas Subject to Graffiti Attack

## SUBSTRATES

Barricade<sup>®</sup> RGB is suitable for application on;

- Natural Limestone
- Concrete (including block work)
- Natural Sandstone
- Cement Render
- Reconstituted Stone
- Rammed earth

Note: Not suitable for application on painted surfaces.

## TECHNICAL DATA (@ 25°C)

|                      |                           |
|----------------------|---------------------------|
| Number of Coats:     | 2                         |
| Coverage: (per coat) | Up to 10m <sup>2</sup> /L |
| Wet Film: (per coat) | 70-250 microns            |
| Recoat:              | 1 hour                    |
| Full Cure:           | 7 days                    |
| Colour:              | Milky Clear               |
| Clean Up:            | Water                     |
| Shelf Life:          | 12 Months                 |

## ANCILLARY PRODUCTS

- Crommelin<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm
- Crommelin<sup>®</sup> Contractor Membrane Roller Cover – 230mm
- Crommelin<sup>®</sup> Moisture Meter

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## TEST DATA

| Properties                       | Measurement /Standard | Test Results |
|----------------------------------|-----------------------|--------------|
| Adhesion:                        | >0.25MPa              | 1.0MPa       |
| Scratch Resistance               | <600gm                | 200gm        |
| Artificial Weathering Resistance | 1000 hrs              |              |
| Discoloration:                   |                       | .2 0         |
| Degree of Chalking:              |                       | .2 2         |
| Colour Change:                   |                       | .2 1         |
| VOC                              | ASTMD3960             | 29.0g/L      |

## SPECIFICATIONS

Limestone and Sandstone

|  | Spreading Rate       |
|--|----------------------|
| 1st coat: Crommelin <sup>®</sup> Barricade <sup>®</sup> 3S | 1-2m <sup>2</sup> /L |
| 2nd coat: Barricade <sup>®</sup> RGB                       | 4m <sup>2</sup> /L   |
| 3rd coat: Barricade <sup>®</sup> RGB                       | 4m <sup>2</sup> /L   |

Low Porosity Surfaces (i.e. concrete, reconstituted limestone, rammed earth, etc.)

|                                      | Spreading Rate        |
|--------------------------------------|-----------------------|
| 1st coat: Barricade <sup>®</sup> RGB | 6-10m <sup>2</sup> /L |
| 2nd coat: Barricade <sup>®</sup> RGB | 6-10m <sup>2</sup> /L |

Note: Application rate will vary with texture of the surface.

## SUBSTRATE PREPARATION AND PRIMING

Full substrate preparation instructions can be found at [www.crommelin.com.au/full-instructions/](http://www.crommelin.com.au/full-instructions/)

- Surfaces must be clean, dry and free from dust or any other contaminants.
- Ensure that any patches of white dust on the surface of the stone are removed by dry scrubbing or low pressure water cleaning.
- To strengthen the surface of Limestone and Sandstone substrates, it is necessary to apply one flood coat of Crommelin<sup>®</sup> Barricade 3S and allow to dry overnight.

## APPLICATION CONDITIONS

- Substrate must be dry. The use of suitable moisture meter is recommended.
- Application temperature between 7°C - 35°C.
- Do not apply if relative humidity is above 85% during initial cure phases, or if rain is expected before cure.

**Note: In humid conditions, air flow should be maximised with the use of fans to assist cure.**

## APPLICATION

Full application instructions can be found at [www.crommelin.com.au/full-instructions/](http://www.crommelin.com.au/full-instructions/)

- The amount of coats and coating method will depend on the type of surface being treated. Refer to Specifications.
- Stir well before use.
- Ensure second coat is applied no more than 1 hour after the first coat (@ 25°C).
- By brush/roller- do not dilute, pick up runs while wet. Use medium nap roller. Apply even coats.
- Airless spray application, do not dilute. Suggested tips .017 - .019 thou. Apply evenly, overlap 25%, apply second coat at right angles to the first. Remove runs with a brush or roller as they occur.
- Do not attempt to apply the coating too thinly, as this will compromise the graffiti removal properties.

## Graffiti Removal

- Apply Crommelin<sup>®</sup> HD Cleaner to the tagged area and scrub off with a stiff nylon pad. Rinse well with water.
- Once complete removal has been achieved, allow the surface to become thoroughly dry before reapplying Barricade<sup>®</sup> RGB.
- It is important that all cleaned areas are recoated with two coats of Barricade<sup>®</sup> RGB.

## CLEAN UP

- Wash all equipment in warm water and a small amount of detergent immediately after use.

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## PRECAUTIONS

- Do not apply if the temperature is below 7°C or relative humidity is above 85% or if rain is imminent.
- Do not apply Barricade<sup>®</sup> RGB to wet substrates. Check with a moisture meter if unsure.
- Ensure adequate ventilation and air flow to optimise membrane curing.

## WARRANTIES

Please contact your Crommelin<sup>®</sup> representative, or the Crommelin<sup>®</sup> technical support team for detailed specifications applicable to your project and warranty requirements.

## TRANSPORT AND STORAGE

- Size: 15L
- Weight: 15.5kg
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage

## SAFETY AND FIRST AID

Barricade<sup>®</sup> RGB Safety Data Sheet is available from Crommelin<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> also reserves the right to update information without prior notice, to reflect ongoing research and product development.

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