

Barricade[®] 3S

Waterborne treatment used to strengthen natural limestone and sandstone.

DESCRIPTION

Barricade[®] 3S is a clear waterborne treatment used to strengthen the surface of natural limestone and sandstone.

Barricade[®] 3S strengthens and protects the surface from damage caused by high pressure steam cleaning. Barricade[®] 3S replaces natural binders in stone that have been lost due to weathering or chemical attack.

ADVANTAGES

Barricade[®] 3S delivers the following advantages;

- Provides tough surface to permit high pressure cleaning.
- Chemically strengthens limestone and sandstone surfaces.
- Allows the stone to 'breathe'. Barricade[®] 3S does not block the movement of water vapour.

AREAS OF USE

Barricade[®] 3S is suitable for use in the following areas;

- Any areas where soft friable natural stone may be present.
- Pre-treatment for Barricade[®] RGB

SUBSTRATES

Barricade[®] 3S is suitable for application on;

- Natural Limestone and Sandstone
- Reconstituted Limestone

TECHNICAL DATA (@ 25°C)

Number of Coats:	1
Coverage: (per coat)	1-2m ² /L
Wet Film: (per coat)	Not applicable (penetrating)
Full Cure:	12 hours
Colour:	Clear
Clean Up:	Water
Shelf Life:	12 months

ANCILLARY PRODUCTS

- Crommelin[®] Moisture Meter

SUBSTRATE PREPARATION AND PRIMING

Full substrate preparation instructions can be found at 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. If stubborn areas, remove by pressure water cleaning. It will be necessary to allow the stone to become completely dry before applying Barricade[®] 3S, to ensure adequate penetration.

Note: Due to the wide variety of substrates available, adhesion testing is recommended in a trial area before full application.

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APPLICATION CONDITIONS

- Substrate must be dry. The use of a 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.
- Avoid application in direct sunlight or in windy conditions.

Note: When applying internally or in humid conditions, air flow should be maximised with the use of fans to assist cure.

APPLICATION

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- Apply as a flood coat using a low-pressure spray unit.
- Allow to dry for 12 hours before applying Crommelin Barricade[®] RGB.

CLEAN UP

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

PRECAUTIONS

- Do not use on granite or other dense rock substrates.
- Barricade[®] 3S is alkaline and should therefore not be handled or applied with equipment made of or containing aluminium or light alloys. For the same reason, care should be taken to avoid splashes on light alloy, aluminium, glass and any other alkali sensitive surfaces.

WARRANTIES

Please contact your Crommelin[®] representative, or the Crommelin[®] technical support team for detailed specifications applicable to your project and warranty requirements.

TRANSPORT AND STORAGE

- Size: 15L
- Weight: 18.5kg
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage
- Poisons Schedule: 5
- Hazardous material

SAFETY AND FIRST AID

Barricade[®] 3S 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.
