



# CRYSTAL PROOF

## CEMENT BASED PENETRATING CRYSTALLINE WATERPROOFER

AVAILABLE SIZE: 2kg, 4kg, 10kg



SCAN FOR  
DETAILS

**NOTE:** Due to updates in progress, packaging may vary.

### DESCRIPTION:

CEMIX® CRYSTAL PROOF is a grey, cement based, penetrating waterproofer, designed for use on concrete surfaces in positive and negative pressure applications. It reacts with free lime and moisture in the concrete's capillaries, continuously forming an insoluble, crystalline structure, thus offering permanent protection.

### TYPICAL USES:

CEMIX® CRYSTAL PROOF can be used as an interior and exterior waterproofer on concrete surfaces, including:

- Water retaining structures such as water storage and drinking tanks
- Inground structures such as lift shafts
- Underground structures such as basement retaining walls and tunnels

### ADVANTAGES:

- Effective against high hydrostatic pressure
- Becomes an integral part of the concrete, offering permanent protection
- Protects embedded steel from corrosion
- Chemical resistant
- Minimal substrate preparation required

### YIELD:

Varies according to the substrate condition.  
Approximately 0.63m<sup>2</sup> per kg of product

### PREPARATION:

The substrate should be free of dust, grease, wax, oil, dirt, loose plaster, laitance, curing compounds, paint and all other friable materials and contaminants likely to prevent bonding.

New concrete should be left with a wood float finish and sufficiently aged as per manufacturer recommendations.

All substrates should be structurally sound, securely fastened and properly supported to eliminate any movement that may cause cracking.

The substrate should ideally be dry or damp (at most) but not wet.

### MIXING:

1. Add clean water to a mixing container. Use approximately 250ml to 300ml of water per kg of product.
2. Add CEMIX® CRYSTAL PROOF to the water, mixing constantly with a mixing paddle, until a creamy consistency is achieved.
3. Add further CEMIX® CRYSTAL PROOF if required.

**Note:** Only mix as much product as can be used within 15 to 20 minutes. Keep remixing the product during the application process.

### APPLICATION:

1. Apply to the surface generously and evenly, using a thick bristle brush.
2. While the first coat is still damp, apply a second coat at right angles to the first coat.

### DRYING & CURING:

Drying and curing time may vary depending on the substrate and climate. It is important to cure CEMIX® CRYSTAL PROOF thoroughly after it has set. Keep it damp and covered (if outdoors) for a minimum of 5 days. Avoid rain and freezing conditions for a minimum of 5 days.



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# CRYSTAL PROOF

### CLEANING:

Clean tools with water immediately after use. If material becomes set on tools, remove using CEMIX® CONCRETE DISSOLVER.

### STORAGE & SHELF LIFE:

Up to 12 months when stored in the original, unopened packaging, in a dry place at 23°C and 50% relative humidity.

### LIMITATIONS:

Do not apply if humidity is over 85% or if rain is expected within 48 hours.

Not designed for decorative use. Cannot be painted or tiled over.

To work successfully, the substrate must be cementitious and have a minimum density of 40mm.

If your project requires Building Consent, please email [info@cemix.co.nz](mailto:info@cemix.co.nz) about the suitability of this product before use.

**Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.**

**DANGER**



### HAZARD STATEMENTS:

May be harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

### SAFETY INSTRUCTIONS:

Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fumes. Contaminated work clothing should not be allowed out of the workplace.

### RESPONSE:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/physician/first aider. IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### INGREDIENTS:

Treated quartz, proprietary, CAS: NA, 50-55%  
Portland cement, CAS: 65997-15-1, 40-50%  
Weak organic acids, proprietary, CAS: NA, <1%  
Ingredients determined not to be hazardous, CAS: NA, <10%

### DISCLAIMER:

Please Note: Recommendations and advice regarding the use of this product are to be taken as a guide only. Other than as appears on this product's packaging, CEMIX® PRODUCTS LTD does not give any warranty expressed or implied as to suitability for any particular use. For all advice concerning the use or suitability of this product for a particular application, please contact CEMIX® PRODUCTS LTD. If this product is defective, please contact the merchant the material was purchased from or CEMIX® PRODUCTS LTD, who will refund or replace it at no cost, in accordance with the requirements of the Consumer Guarantees Act.

**PLEASE REFER TO THE DATASHEET AT [WWW.CEMIX.CO.NZ](http://WWW.CEMIX.CO.NZ) FOR FURTHER INFORMATION AND INSTRUCTIONS.**



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