

# WATERPROOFING PRODUCT RANGE:



## Crystal Proof

2kg, 4kg, 10kg, 25kg



Crystalproof is a surface applied integral crystalline waterproofing material, which waterproofs and protects concrete in-depth. Crystalproof integral crystalline waterproofing can be applied to all structurally sound concrete - new or old. This product comes as a grey powder and after mixing with water can be applied as a slurry with a roller or brush.

- It may be applied to either the positive or negative sides of the concrete face.
- Can be applied to moist or green concrete.
- Will withstand hydrostatic pressure.
- Seals cracks up to 0.4mm. If cracks are more than 0.4mm they need to be filled with Cemix® Quick Patch repair mortar.
- Suitable for drinking water concrete tanks.



## Roof & Gutter

1L, 2L, 4L, 10L, 20L

Roof and Gutter is a high performance, polyurethane based elastomeric and flexible, exterior grade, brushable waterproofer with long term UV and weather resistance to exposed and wet areas.

- Ready to use product, which comes in a light grey colour.
- Durable and tough weather proof coating is able to withstand extreme weather conditions (hot and cold).
- User-friendly product that can be brush applied and has excellent adhesion to a wide range of substrates like concrete, PVC and wood.
- Exterior protective coating for roofs, gutters, decks, steel, aluminium, concrete, bricks, plywood, timber, fibre cement sheets, vertical wall facades and general surfaces exposed to the weather.
- To get the desired results, application of this product is critical therefore please ensure you follow the application guidelines on our website.
- Visit [www.cemix.co.nz/cemix-roof-and-gutter-waterproofer/](http://www.cemix.co.nz/cemix-roof-and-gutter-waterproofer/) to watch the how to use video for Roof and Gutter Waterproofer.

## Rubberguard

4L & 15L



Rubberguard is an elastomeric one component waterproofing membrane that has been designed for a range of under-tile waterproofing applications.

- One component membrane free of solvents & isocyanates.
- Excellent adhesion properties over building substrates including concrete, masonry, renders, cement sheeting, wet area sheet surfaces & plaster board surfaces.
- Possesses low water vapor transmission properties and is fully compatible with polymer modified cement based tile adhesives, screeds & renders.
- Cemix® Rubberguard is ideally suited as a general purpose wet area membrane.
- For proper performance of Cemix® Rubberguard it is vital that it is used in conjunction with Cemix® Safeguard corners and tapes.
- Allow the membrane to fully cure. Do a ponding test before you start tiling to ensure waterproofing membrane integrity as application technique is extremely vital to the performance of this product.
- Please contact Cemix® if you are using it for areas over 5m², external deck application or applications requiring council approval/consent.
- Please watch the video tutorial on this product by visiting [www.cemix.co.nz](http://www.cemix.co.nz)



## Bituproof Plus

1L, 2L, 4L, 10L, 20L



Bituproof Plus is a ready to use specifically formulated stable flexible bituminous emulsion for sealing and waterproofing concrete and concrete block walls below and above ground. This product is only to be used in exterior situations and from the side the water or moisture will enter the structure (positive side).

- Ready to use product and easy to apply by brush, roller or spray.
- Ideal uses are retaining walls, landscaping walls, planter boxes etc.
- Can be applied to either damp or dry surfaces.
- Does not run or creep under heat or slump in vertical surfaces.
- Resists a wide range of acids and alkalis.
- Visit [www.cemix.co.nz/cemix-bituproof-plus/](http://www.cemix.co.nz/cemix-bituproof-plus/) to watch the how to use video for Bituproof Plus.

## Pond & Trough

2L, 4L, 10L, 20L



Pond and Trough is a non toxic, solvent free, water based, high performance polyurethane based elastomeric and flexible exterior grade brushable waterproofer with a long term UV and weather resistance to exposed and permanently immersed areas.

- Ready to use product which comes with a colour choice of light blue or black.
- Durable and tough waterproofing coating. Once fully cured, it is able to withstand extreme weather conditions (hot and cold).
- User-friendly product which can be brush applied and has excellent adhesion to a wide range of substrates like concrete and wood.
- To get the desired results, application of this product is critical. Ensure you follow the detailed application guidelines on our website.

## SAFEGUARD RANGE

The Cemix® Safeguard waterproofing range has a wide variety of options when it comes to waterproofing tapes, corners and bandages. These are great for ensuring the most critical areas in your projects are protected, so the waterproofing application is

- Ensures a seamless elastic seal around pipes, penetrations, wall floor joints & corners.
- Bridges gaps between penetration and surface.
- Fast effective application.
- High strength and excellent tear resistance.
- Long term sealing protection at volatile areas.
- Compatible and guaranteed with all Cemix® Waterproofing membranes.



### Safeguard 90° Internal Corner



### Safeguard 270° External Corner



### Safeguard 360° Pipe Penetration Bandage



### Safeguard 180° Peel & Seal Tape



### Safeguard 180° Elastic Joint Band



### Safeguard RF° Reinforcing Tape

## SELECTION GUIDE

Use our waterproofing quick selection guide below to choose the best product for the DIY job you have in mind. Prior to commencing any project, ensure you read packaging and data sheets carefully to ensure the surface has been prepared satisfactorily and the correct application procedure has been followed.

APPLICATION	CRYSTAL PROOF	AQUASTOP	ROOF & GUTTER WATERPROOFER	BITUPROOF PLUS
UNCOATED CONCRETE WATER TANK (EXTERNAL)	✓	✓		
UNCOATED CONCRETE WATER TANK (INTERNAL)	✓			
COATED/PAINTED CONCRETE BLOCK WALL		✓		
CONCRETE FLOOR - RISING DAMP	✓			
CONCRETE FISH POND - RISING DAMP (INTERNAL)	✓			
CONCRETE FISH POND - NO RISING DAMP (INTERNAL)			✓	
CONCRETE TROUGH - NO RISING DAMP (INTERNAL)		✓		
EXTERNAL FACE APPLICATION OF CONCRETE/BLOCK WALLS				✓
PVC/STEEL GUTTERS (EXTERNAL)			✓	
STEEL ROOF (EXTERNAL)			✓	
LANDSCAPE RETAINING WALLS - SUBGROUND SIDE				✓
TIMBER POSTS - SUBGROUND				✓
PLANTER BOX (INSIDE APPLICATION)				✓
* CRYSTAL PROOF PENETRON NEEDS TO BE IN DIRECT CONTACT WITH CEMENT / CONCRETE TO REACT AND WORK				
* ALL JOINTS NEED TO BE TREATED SEPARATELY				



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## SEALERS RANGE



## WATER- PROOFING RANGE



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# SEALERS PRODUCT RANGE:



## SEALERS

Choosing the right sealer for your project depends on two factors; what do you want the surface to look like and what type of maintenance you are willing to do. If you want a gloss finish, choose a film forming sealer. If you desire a matt finish, choose a penetrating sealer. If you need a slip-free surface, stay away from film formers.

To keep maintenance manageable, you will need to choose the correct product. For instance, sealing a driveway, you will need a coating that repels grease and oil and prevents water penetration. To make it easier to care for an interior floor, use a coating that dustproofs the surface and resists scuffs and staining.

For more information and technical data sheets for products, please visit our website [www.cemix.co.nz](http://www.cemix.co.nz) or phone 0800 ASK CEMIX.

**Golden rule:**  
**Never apply more product than is being absorbed into the surface you are sealing. If the product is pooling on the surface - remove the excess. If you feel no product is being absorbed, stop and seek assistance from Cemix®. Always do a small test area first.**



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### Driveseal

1L, 4L, 10L & 20L

Driveseal is a clear high build, **high gloss finish**, solvent based, film forming liquid sealer that protects and highlights the colour and texture of the underlying concrete surface and it is UV stable. It will not peel, yellow or crack when

- Uses include domestic driveways, outdoor entertainment areas, exposed aggregate finishes and also commercial applications such as building forecourts.
- Can be used on cobblestone, bluestone, concrete and imitation slate surfaces as well as on other high traffic surfaces requiring protection.
- Visit [www.cemix.co.nz/cemix-drive-seal/](http://www.cemix.co.nz/cemix-drive-seal/) to watch the how to use video for solvent based sealers.



### Clear Sealer

1L, 4L, 10L & 20L

Clearseal is a solvent based, **natural finish**, clear film forming, sealing and dust proofing coating. It has good flexibility, is long lasting and is UV stable. It will not yellow, peel or crack when properly applied. Cemix® Clear Sealer

- Reduces water and chloride intrusion.
- Deep penetration into substrates.
- Minimally darkens surface and has a matt finish.
- Chemically resistant to ice melting compounds, fuels, oils and atmospheric contaminants.
- Visit [www.cemix.co.nz/cemix-clear-seal/](http://www.cemix.co.nz/cemix-clear-seal/) to watch the how to use video for solvent based sealers.



### Tile & Slate Sealer

1L, 4L, 10L & 20L

Tile and Slate sealer is a **gloss finish**, solvent based, clear film forming, sealing and dust-proofing coating.

- Good flexibility, UV stable, long lasting and will not yellow, crack or peel when properly applied.
- Has a positive penetration in to the surface and resists a wide range of acids and alkalis.
- Ideal for driveways, tiles, pavers, exposed aggregates and stamped concretes.



### Cemseal

1L, 4L, 10L & 20L

Cemseal is a clear, solvent based, **natural finish**, penetrating repellent treatment that will protect concrete and masonry from water and chloride intrusion while still permitting water vapour transmission (breathability). Durable and tough, this weather-proof coating is able to withstand extreme weather conditions (hot and cold).

- It is a low viscosity, silane-siloxane system.
- Ideal for sealing bricks, blocks and all types of concrete products and terracotta tiles.
- Can also be used as a waterproofer for timber decks, outdoor furniture, timber wall cladding, clay roof tiles and gypsum based building materials.
- Provides good adhesion for plants or plasters.
- Not to be used as a solution to make fully weather tight.



### Cemseal WB

1L, 4L, 10L & 20L

Cemseal WB is a water based, **natural finish**, eco friendly, non toxic, penetrating repellent treatment that will protect concrete and masonry from water and chloride intrusion while still permitting water vapour transmission. It is a durable and tough weather-proof coating and is able to withstand extreme weather conditions (hot and cold).

- It is a low viscosity, silane-siloxane system.
- Ideal for sealing bricks, blocks and all types of concrete products and terracotta tiles.
- Can be painted over however please seek advice first.
- Does not produce any discolouration to the substrate.



### Pavseal

1L, 4L, 10L & 20L

Pavseal is a stain resistant, **satin finish**, water based, penetrating, clear weather proofing sealer. It is a silane modified nano particle size, self-crossing linking hybrid technology and can be used effectively to impregnate and seal a variety of pavers.

- It is an environmentally friendly product.
- Hybrid sealer, which penetrates as well as coats.
- Exhibits a high degree of stain resistance.
- Chemically resistant and non-toxic.
- UV stable and will not yellow over time.



### Brick & Block Sealer

1L, 4L & 20L

Brick and Block Sealer is a UV stable, **satin finish**, eco friendly, non toxic, water repellent, non flammable, water based penetrating repellent treatment that will protect concrete and masonry from water and chloride intrusion while still permitting water vapour transmission. Not to be used as a solution to make structures weather tight. This product is only to be used to seal and not fully waterproof the bricks or blocks.

- Environmentally friendly product.
- Makes the substrate water repellent.
- Hybrid sealer – penetrates as well as coats.
- Allows the substrate to breathe.
- Chemically resistant, weather resistant and non-toxic.
- UV stable and will not yellow over time.
- Resistant to dirt, stains, moss and algae.



### Cemprotect

1L, 4L, 10L & 20L

Cemprotect is a high performance, **natural finish**, nano technology, penetrating hydrophobic protection treatment for all cementitious substrates, as well as natural and artificial stone. This is the most heavy-duty sealer in the Cemix® range and can be applied to most substrates. Most suited for block walls and floors with rising damp.

- Protects concrete structures from gradual damage by water borne aggressors.
- Protects all cementitious and stone substrates from water damage including the prevention of efflorescence and mould growth.
- Enhances waterproofing of precast concrete and poured concrete walls.
- Near invisible sealer for concrete, masonry, concrete brick and stone veneers.
- Non-slip sealer for concrete floors, concrete paving and concrete roof tiles.
- Water repellent primer for clear sealers and paints.
- Near invisible sealer for quality plaster.

## SEALING TIPS

Concrete needs to be sealed as it is a porous building material. Sealing the concrete means that water cannot penetrate through and it also protects the concrete against staining and wearing. There are two different types of sealers, a film forming type of sealer and a penetrating sealer. Film forming sealers when applied dry, create an impervious film on top of the concrete. Coating sealers may need to be reapplied every few years. Penetrating sealers actually bond with the concrete and create a permanent seal, so they do not need to be reapplied.

Some concrete sealers can create a decorative effect on the concrete and they can even improve the slip resistance of the concrete making it safer. All concrete products can be sealed – flooring, paving, pools, bench tops, walls and so on.

**Ensure concrete is fully cured and there is no rising damp as the sealer film will trap the rising damp turning the surface milky.**

**Over application will form a thick film on the surface making the surface slippery as well as change to a milky colour.**

**ONLY apply as much as the surface will readily absorb and do not allow the sealer to pool on the surface.**

**Always do a test area and approve the look, feel and slip properties.**

If you require further assistance or technical information for these products, please visit our website [www.cemix.co.nz](http://www.cemix.co.nz) for the technical data sheets or phone 0800 ASK CEMIX.

## Golden Rules

- Never apply more sealer than the substrate can absorb.
- Never let product pool on surface.
- Apply in suitable weather conditions (see data sheet).
- Always do a test patch first to check absorption, appearance and grip when wet.

## Indoor

- Choose water based sealers to avoid solvent odours indoors

## Outdoor

- Be cautious when using hybrid / film forming sealers as they become slippery in wet areas.

## Stain Resistant

- Pavseal
- Ornamental Sealer
- Drive Seal
- Brick & Block Sealer

## SEALERS GUIDE

### Gloss Finish

Concrete Sealer WB (Gloss)

Tile & Slate Sealer

### High Gloss

Driveseal

### Satin Finish

Pavseal

Ornamental Sealer

Brick & Block Sealer

Concrete Sealer (Matte)

Grout Sealer

### Natural Finish (Minimal Change)

Cemprotect

Cemseal WB

Cemseal Solvent

Clear Sealer

Architectural Sealer

**Density of substrate and amount of sealer applied will effect final appearance**

### Water based

Pavseal

Brick & Block Sealer

Concrete Sealer WB

Cemprotect

Architectural Sealer

Cemseal WB

Ornamental Sealer

Grout Sealer

### Solvent based

Clear Sealer

Tile & Slate Sealer

Driveseal

Cemseal Solvent

### Hybrid / Film Forming

Pavseal

Brick & Block Sealer

Architectural Sealer

Ornamental Sealer

Driveseal

Tile & Slate Sealer

Grout Sealer

### Penetrating

Clear Sealer

Concrete Sealer WB

Cemseal WB

Cemseal Solvent

Cemprotect

## SELECTION GUIDE

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CHARACTERISTICS	DRIVESEAL	CLEARSEALER	TILE AND SLATE SEALER	CEMSEAL WB	PAVSEAL	BRICK AND BLOCK SEALER	CEMPROTECT
PENETRATING / FILM							
PENETRATING	✓	✓	✓	✓	✓	✓	✓
HYBRID (PENETRATES & FORMS FILM)					✓	✓	
FILM FORMING	✓		✓				
COLOUR							
VIRTUALLY NO COLOUR CHANGE				✓			✓
1/2 SHADE DARKENS	✓	✓	✓	✓	✓	✓	
1 SHADE DARKENS	✓						
POUROSITY OF SUBSTRATE							
POUROS SUBSTRATE DRIP OF WATER ABSORBED <20SEC	✓				✓	✓	
MODERATE DENSITY		✓	✓				
DENSE SUBSTRATE DRIP OF WATER ABSORBED >60SEC				✓	✓		✓
SUBSTRATE							
PRECAST PANELS & STONE							✓
SMOOTH DENSE CONCRETE PAVERS	✓			✓	✓		✓
CONCRETE PATHS & DRIVEWAYS	✓	✓	✓	✓	✓		✓
BRICK & BLOCK WORK				✓		✓	✓
SLATE		✓	✓	✓	✓		✓
EXPOSED AGGREGATE	✓	✓			✓		



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