

The logo for ICEMCRETE, featuring the word in a bold, red, italicized sans-serif font with a registered trademark symbol. The 'I' is stylized with a black vertical bar on its left side.

**ICEMCRETE**<sup>®</sup>

Manufacturers of Durable & Decorative Concrete



# WATERPROOFING PRODUCTS

WATERPROOFING ADDITIVES, SEALERS, LININGS & SYSTEMS

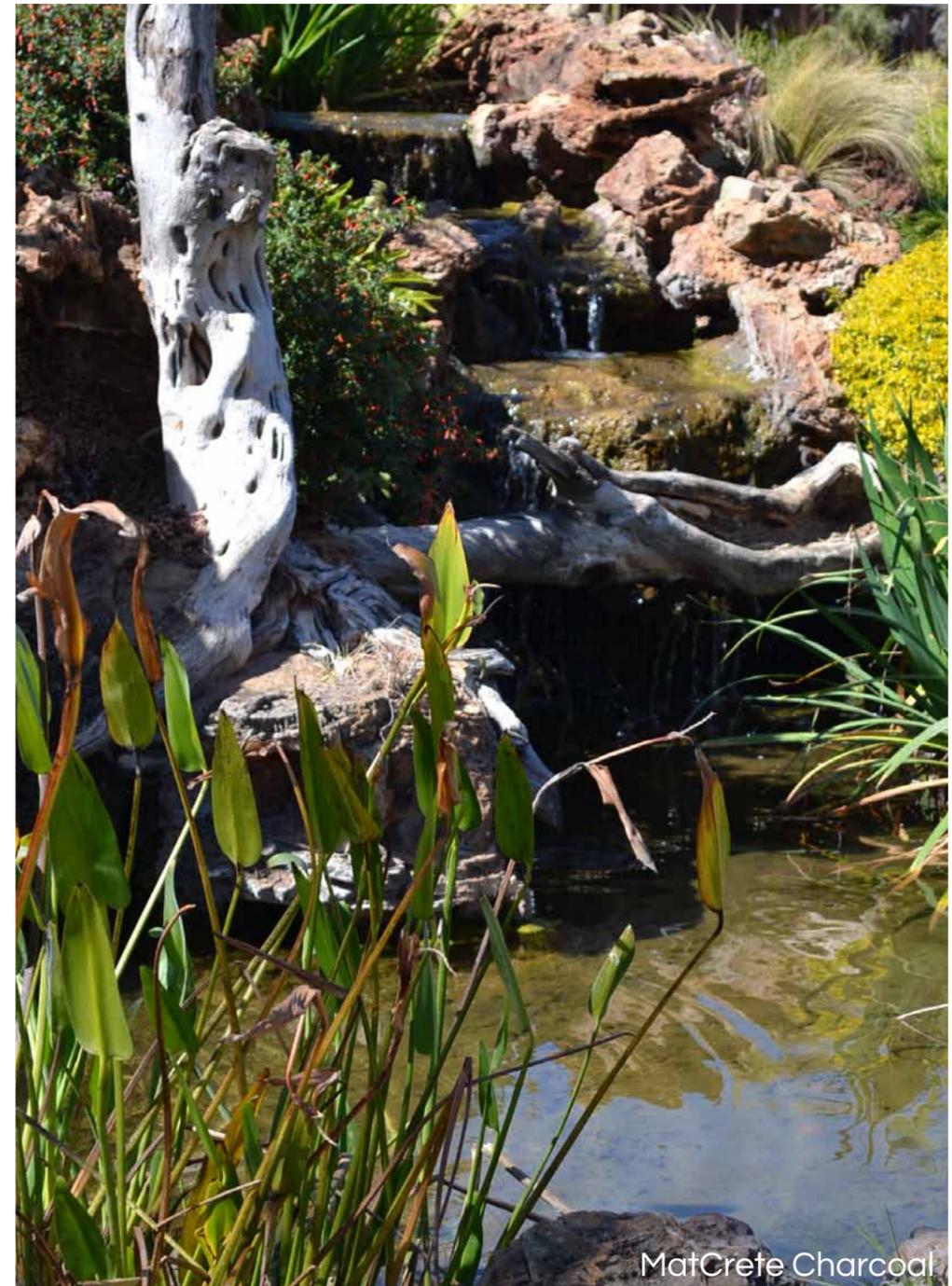


**MatCrete Brown (CemWash Sandstone above water)**

The colours depicted are a guide only and Cemcrete recommends choosing colours from an actual on-site sample. Depth of water and exposure to sunlight might also affect the final colour.

# MATCRETE

REINFORCED WATERPROOFING CEMENT LINING



MatCrete Charcoal

Waterproof cement lining that can be applied directly onto hard compacted soil for the cost-effective creation of any water-containing structures such as fish ponds, water channels, dams, drinking troughs, relining of pipes, repair of old cracked reservoirs, flat roof waterproofing, parapet waterproofing etc.

# THATCHCRETE

## CEMENT LINING FOR THATCH ROOFS

**SUITABLE SURFACES**

Applied directly onto hard compacted soil, cement or concrete based water channels, dams, drinking troughs, reservoirs, flat roofs, parapets etc.

**FINISH**

Rough textured. Can be smooth trowelled.

**THICKNESS**

2mm including the CemForce. Max thickness of 8mm – add a layer of CemForce for every extra 2mm.

**APPLICATION**

Brush-on.

**CURING**

Allow finished work to air cure for 3 days before filling with water.

**PACKAGING**

40kg bags.

**COVERAGE**

Approximately 6m<sup>2</sup> per 40kg bag.

For creating a thin, reinforced, waterproof, fire resistant, cement lining to be applied directly onto the exterior of an old or new grass thatched roof. This lining is tough enough to resist mammals like baboons, vervet monkeys as well as birds from causing damage to the roof or entering the building.

**SUITABLE SURFACES**

Exterior of an old or new grass thatched roof.

**FINISH**

Textured finish.

**THICKNESS**

Approximately 4mm.

**APPLICATION**

Brush-on.

**CURING**

Allow finished ThatchCrete work to air cure for 5 days.

**PACKAGING**

40kg bags.

**COVERAGE**

5m<sup>2</sup> per 40kg bag depending on thickness of final work.

**NOTE**

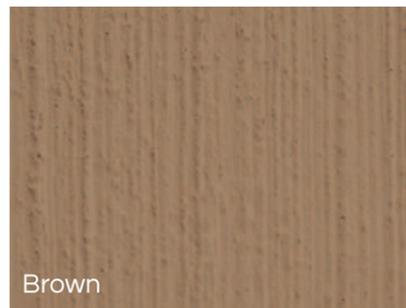
Can be coated with CemWash which is available in 18 colours.



Charcoal



Grey



Brown

**BENEFITS**

- Thin cement linings can be formed in-situ
- Can be reinforced with as many layers of CemForce as necessary for strength required
- Ready to use with the addition of FlexBond solution only
  - Not only waterproof, but vapour proof as well
  - Fish and plant friendly
- Cost-effective creation of water-containing structures
- Can be applied directly onto hard compacted soil



CemForce placed over thatching



ThatchCrete application over CemForce



FLAT ROOF WATERPROOFING  
MatCrete Grey

*Did you know*

Every layer of CemForce applied can withstand 1 meter of positive water pressure.



Completed project

**BENEFITS**

- Applied directly onto the exterior of new or old grass thatched roofs
- Not only offers a waterproof finish, but is resistant to fire as well
- Resistant to dismantling by mammals (such as baboons, etc) and birds

# PERMASTOP

## CRYSTALLINE WATERPROOFING TREATMENT

PERMASTOP | PRODUCT INFORMATION & BENEFITS



A cement-based mixture containing chemicals which combine with the water in cement & migrate into the concrete or cement plaster thereby effectively waterproofing the structure against hydrostatic pressure. For slurry coatings & plugging holes. For solving most types of waterproofing problems in below-ground & water-containing structures that contain OPC.

**SUITABLE SURFACES**  
Must be in contact with the cement / concrete to be effective.

**FINISH**  
Brushed finish unless plaster is applied over it.

**APPLICATION**  
Brush-on.

**CURING**  
In hot dry conditions cure completed work by dampening with clean water three times during the day following the day of application. Protect against freezing for 24 hours. Protect from direct sun and wind by covering with plastic or wet hessian for 24 hours.

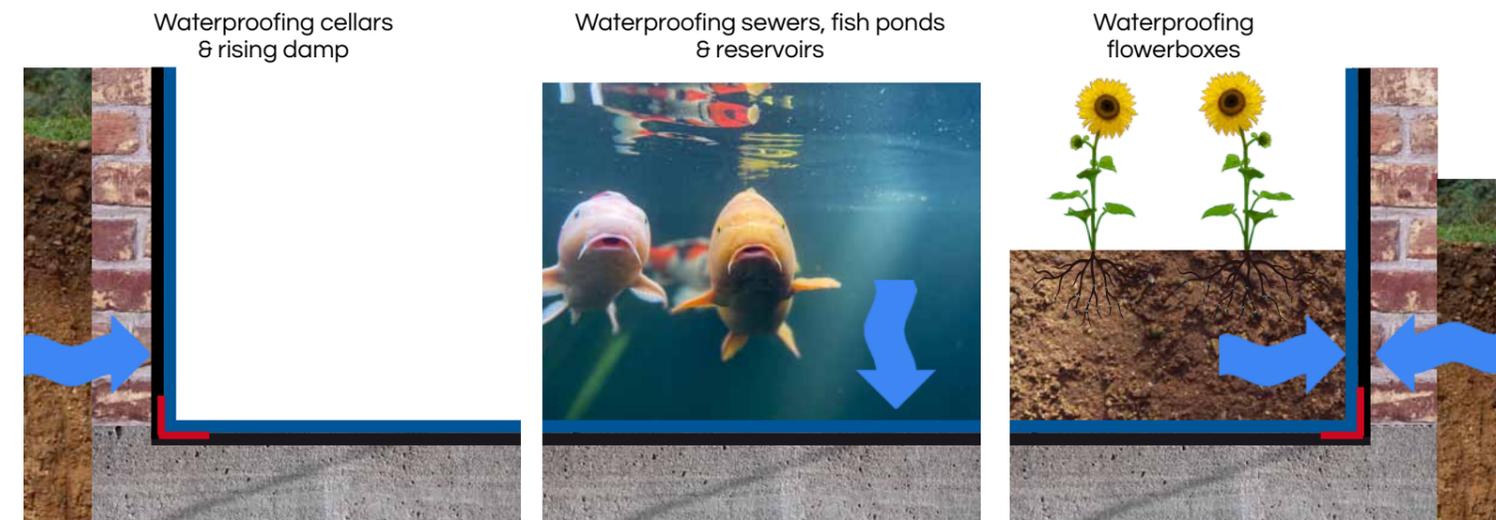
**PACKAGING**  
1, 5 & 25kg containers.

**COVERAGE**  
Brush application: Approximately 1,3m<sup>2</sup>/ kg / coat depending upon suction and texture of surface.

Joint filling: Depends on size of joint.

With polypropylene membrane:  
Approximately 3kg/ m<sup>2</sup>.

**APPEARANCE / COLOUR(S)**  
Grey - can supply white upon request.



- Water-repellent cement in plaster
- Permastop
- Polypropylene Membrane

### BENEFITS

- Resists extreme hydrostatic pressure from both the positive & negative side of the substrate
- Resistant to aggressive chemicals i.e. oil, salt water, alkalis, certain chemicals, weak acids & aggressive sulphate soils
- Self-mending when punctured or torn & is not subject to deterioration, it is therefore permanent
  - Does not require protection when backfilling
  - Can be applied to moist surfaces
  - Can seal static hairline cracks
- Increases the strength of concrete by up to 30% dependant on quality of original concrete
  - Waterproof but not vapour proof
  - No VOC's
- Can seal gushing leaks in conjunction with Cemcrete's Permastop Accelerator

# ELASTOBOND

## FLEXIBLE BONDING LIQUID

ElastoBond is a liquid polymer to be mixed with cement based mixtures / matrices to create a tough, flexible, UV resistant waterproofing membrane.

### SUITABLE SURFACES

Light trafficked rooftops, walkways and decks. In these areas occasional foot traffic is permitted. Planter boxes, retaining walls & basements NOT subjected to rising damp. Bathrooms, shower recesses, laundries, & all wet areas requiring a tiled finish. Swimming pools & wading pools when covered with tiles or decorative toppings. Water containment areas such as water features, ponds & fountains. Roofs, walls & floors, over concrete, cement render, marine plywood, metal, pre-cleaned galvanized iron, fibre cement sheets & exterior grade plasterboard.

### APPLICATION

Brush-on.

### CURING

Usually within 24 - 36 hours, depending on humidity, ambient temperatures & surface porosity. The ElastoBond mixture dries by reaction between powder & liquid, moisture evaporation & absorption into the substrate, so allow longer for surfaces with low porosity.

Allow ElastoBond mixture to cure before subjecting the floor to light foot traffic (at least 24 hours).

Do not use showers for at least 72 hours after application of ElastoBond mixture; this ensures application is thoroughly cured.

### PACKAGING

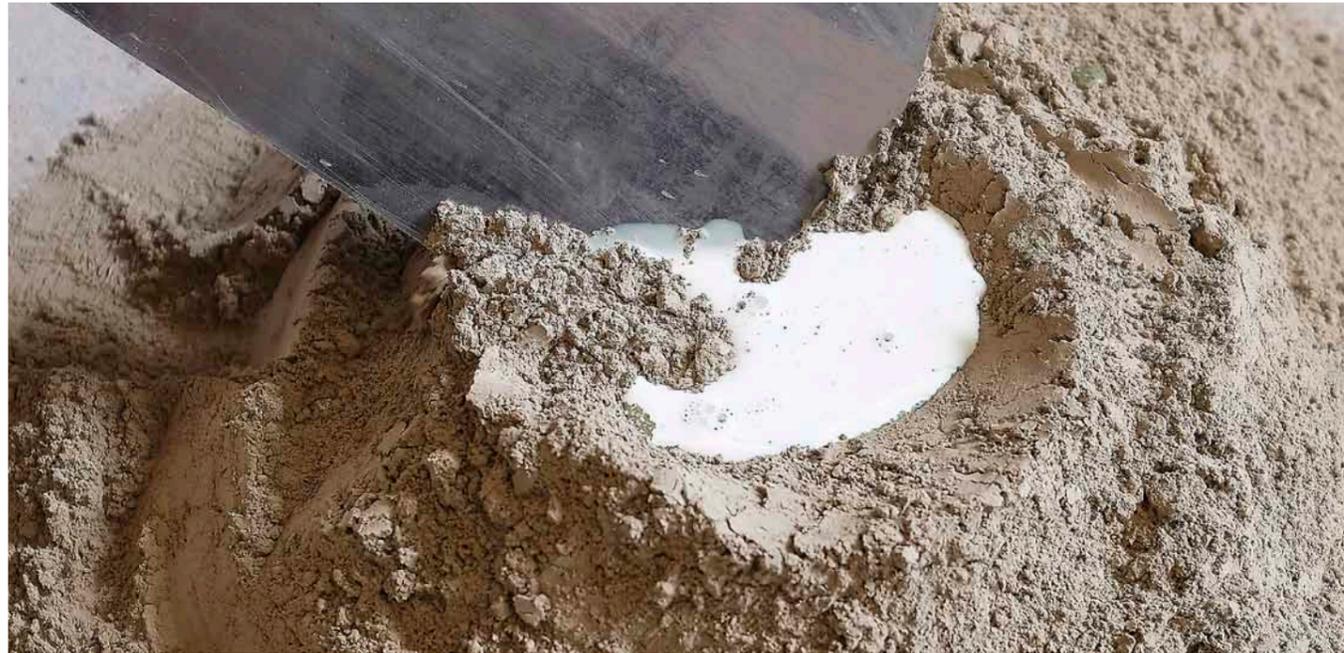
1, 5 & 20 litre containers.

### COVERAGE

Coverage is approximately 10m<sup>2</sup> per 20 litres of ElastoBond mixed with 20 litres MatCrete at 2 - 3mm cured film thickness. This is also dependant on the amount & type of membrane used in the application.

### APPEARANCE / COLOUR(S)

White liquid which dries clear.



### BENEFITS

- Applied by brush, ElastoBond & MatCrete mixture possesses excellent flexibility, crack bridging properties and UV resistance which allows it to be left exposed & subjected to light foot traffic.
- Excellent flexibility & crack bridging properties
- UV resistant

# WATER-REPELLENT CEMENT

## READY-TO-USE WATER-REPELLENT CEMENT

Use Water-Repellent Cement in place of Ordinary Portland Cement to overcome capillary absorption of moisture into cement mortar, cement plaster & concrete.

### SUITABLE SURFACES

Suitable for reducing permeability in concrete tanks, reservoirs, sewerage works, cellars, basement walls & floors, garage pits, walls & precast stone.

### APPLICATION

Ready to use waterproof cement.

### FINISH

Will not change the finish of the cement mix.

### CURING

In hot dry conditions cure completed work by damping down with water or protecting with wet sacks or plastic sheeting.

### PACKAGING

50kg bag.

### COVERAGE

Dependant on the mix.

### APPEARANCE / COLOUR(S)

Grey powder.

### BENEFITS

1. reduced moisture movement, crazing, efflorescence & moisture penetration.
2. reduces rising damp in brickwork when used in mortar.
3. prevents loss of water from water containing structures

# CEMENT WATERPROOFING COMPOUND

## WATER-REPELLENT CEMENT ADDITIVE

A water-repellent powder for adding to cement to overcome capillary absorption of moisture into cement mortar, cement plaster & concrete.

### SUITABLE SURFACES

Suitable for reducing permeability in concrete tanks, reservoirs, sewerage works, cellars, basement walls & floors, garage pits, walls & precast stone. Interior & exterior wall surfaces, including polystyrene & certain foams or such.

### APPLICATION

Mixed with Portland cement in powder form.

### FINISH

Will not change the finish of the cement mix.

### CURING

In hot dry conditions cure completed work by damping down with water or protecting with wet sacks or plastic sheeting.

### PACKAGING

1 & 25kg containers.

### COVERAGE

2% of the weight of the cement to be used in the mix which is equal to 1kg per 50kg cement.

### APPEARANCE / COLOUR(S)

Grey powder.

### BENEFITS

- Prevents loss of water from water containing structures
- Reduces moisture movement, crazing, efflorescence & moisture penetration
- Reduces rising damp in brickwork when used in the mortar

# SILICONSEAL SOLVENT-BASED SEALER

## PENETRATIVE WATERPROOFING SYSTEM

SiliconSeal Solvent-Based Sealer greatly reduces the water absorption of concrete, clay bricks, natural stone, fibre cement & plaster. SiliconSeal Solvent-Based Sealer can also be used for the prevention of rising damp in brick walls by pumping the fluid into previously drilled holes along the course immediately above the faulty damp-proof membrane.

### SUITABLE SURFACES

Concrete, cement plaster, mortar, sandstone, clay- and cement bricks, gypsum plaster, asbestos, cement, terrazzo & coloured cement finishes.

### APPLICATION

Brush, roller or spray; at least 2 coats wet on wet.

### THICKNESS

Penetrates the pore structure to a depth of about 10mm.

### CURING

SiliconSeal should be allowed to dry for at least 2 - 5 days depending on the weather to allow the solvent to fully evaporate. The best time to overcoat SiliconSeal with a sealer or paint would be between 2 - 5 days after application. Application before or after this window will result in adhesion problems. Full cure takes place after 7 - 14 days.

### PACKAGING

Available in 1, 5 & 25 litre containers.

### COVERAGE

Face bricks 6m<sup>2</sup>/litre

Porous bricks 3m<sup>2</sup>/litre

Concrete 4m<sup>2</sup>/litre

These figures are approximate and will vary according to the texture & porosity of the particular surface.

### APPEARANCE / COLOUR(S)

An clear treatment which does not darken or change the colour of the surface to which it is applied.



Drilling holes to repair rising damp



Pouring SiliconSeal Solvent-Based Sealer into holes to repair rising damp

# SILICONSEAL WATER-BASED SEALER

## PENETRATIVE WATERPROOFING SYSTEM

SiliconSeal Water-Based Sealer combines the properties of both organic polymers & inorganic silicates like quartz, & cures to form durable cross-linked resins. Depending on porosity of the surface to be treated, SiliconSeal Water-Based Sealer penetrates the pore structure to a depth of about 5-10mm & alters the masonry / water interfacial tension in this region & curing to form durable cross-linked resins. Masonry treated in this way can still "breathe" & moisture can dry out through the surface.

### SUITABLE SURFACES

Concrete, cement plaster, mortar, natural sandstone, clay & cement bricks, & coloured cement finishes.

### APPLICATION

Apply the ready-to-use solution by flooding. Excess solution can be mopped up. For very absorbent substrates, you may need to apply 2 coats. NOTE: The second coat must be applied while the first coat is still wet. If it starts to rain, stop treatment, & cover the infused areas.

### THICKNESS

Penetrates the pore structure to a depth of about 5 to 10mm.

### CURING

SiliconSeal Water-Based should be allowed to dry for at least 2 to 3 days depending on the weather to allow the water to fully evaporate. The best time to overcoat SiliconSeal Water-Based with a sealer would be between 2 to 7 days after application. Application before or after this window will result in adhesion problems. Full cure takes place after 14 days.

### PACKAGING

Available in 1, 5 & 20 litre containers.

### COVERAGE

Face bricks 6m<sup>2</sup>/litre.

Porous bricks 3m<sup>2</sup>/litre.

Concrete 4m<sup>2</sup>/litre.

These figures are approximate and will vary according to the texture & porosity of the particular surface.

### APPEARANCE / COLOUR(S)

A milky white liquid treatment which dries clear & does not darken or change the colour of the surface to which it is applied.



Water beading on CemWash treated with SiliconSeal Water-Based Sealer

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**CEMCRETE**<sup>®</sup>

Manufacturers of Distinctive Decorative Coatings

Creating distinctive cement finishes  
as *unique* as you are.