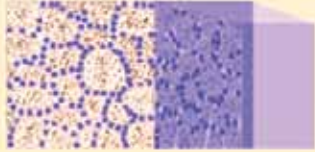
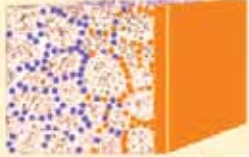


# WATERPROOFING



**1 Concrete wall exposed to water.**  
*The water has forced its way into the Capillaries.*



**2 After Crystor treatment.**  
*The reaction between the free lime, moisture and Watergard CC has set in. Chemical complexes are formed, blocking the capillaries.*



**3 The concrete is now watertight.**  
*However, water vapour is still allowed to pass. The Crystor chemical complexes remain in the concrete, ready to reactivate on contact with water.*



**PU FOAM WATERPROOFING**

**INTEGRAL WATERPROOFING**



**ROOT RESISTANT WATERPROOFING**



**TORCH APPLIED WATERPROOFING**



**ELASTOMERIC ACRYLIC WATERPROOFING**

**BUILD RITE**  
CONSTRUCTION CHEMICALS

Solutions for Professional Builders

# WATERPROOFING

## WATERGARD FLEXICRETE

High Technology Flexible Cementitious Waterproofing

**WATERGARD FLEXICRETE** is a two component, flexible cementitious waterproofing membrane. It consists of selected cement blend with well-graded fillers and synthetic resin. It could be applied unto damp substrates by brush, roller or spray. WATERGARD FLEXICRETE is capable of bridging hairline cracks.

Recommended for:

- Basement walls
- Swimming pools and features
- Kitchen and toilets
- Reservoirs, sumps, concrete gutters, planter boxes, potable water tanks, culverts, canal, water retaining structures, etc.
- Domes and concrete structures
- Roof deck and balconies
- Fire walls

Packaging: Available in 35 kg pack.

## WATERGARD FLEXICRETE R

Flexible Cementitious Waterproofing Coating

**WATERGARD FLEXOR R** is a two component polymer modified flexible cementitious waterproofing membrane. It can be easily applied by brush, roller, spray or trowel to obtain the desired texture. WATERGARD FLEXOR R is capable of bridging hairline cracks. The degree of resistance of WATERGARD FLEXOR R to water pressure depends on the coatings thickness.

Recommended for:

- Potable water retaining structures
- Basement walls
- Swimming pools and features
- Reservoirs, sumps, planter boxes, potable water tanks, culverts, canal, water retaining structures, etc.
- Kitchen and toilets
- Domes and concrete structures
- Roof deck and balconies
- Fire wall

Packaging: Available in 35 kg pack.

## WATERGARD POLYCEM

Polymer Cement Waterproofing Slurry

**WATERGARD POLYCEM** is a prepacked, two component system, consisting of a liquid polymer as Part A and a premixed powder as Part B. The two parts when mixed yield brushable, smooth slurry with excellent bond to most substrates.

In normal use it will resist water pressure up to 7 meter head. The degree of resistance of WATERGARD POLYCEM to water pressure depends on the coatings thickness

Recommended for:

- waterproof coatings to the internal faces of water tanks, reservoirs, sumps, planter boxes, etc.
- basement walls
- supporting wall and columns
- water treatment and sewage structures
- underground garages
- toilets and bathrooms
- swimming pools and fountains

Packaging: Available in 25 kg pack containing: Powder: 18.75 kg | Liquid: 6.25 kg

## WATERGARD FLEXOR

Modified Acrylic Polymer for Flexible Cementitious Waterproofing

**WATERGARD FLEXOR** is a specially modified acrylic polymer formulated to provide a flexible waterproofing membrane when mixed with Portland Cement.

It could be applied unto damp substrates by brush, roller or spray. WATERGARD FLEXIBOND is capable of bridging hairline cracks.

Recommended for:

- Basement walls
- Swimming pools and features
- Kitchen and toilets
- Canopies
- Reservoirs, sumps, planter boxes, potable water tanks, culverts, canal, water retaining structures, etc.
- Domes and concrete structures
- Roof deck and balconies
- Fire wall

Packaging: Available in 4 liter and 20 liter pails.

## WATERGARD CRYSTOR

Cementitious crystallization membrane waterproofing system

**WATERGARD CRYSTOR** is a crystalline waterproofing formulation of selected blends of cement, very fine treated silica sand and various proprietary active chemicals providing a lasting imperviousness to water. WATERGARD CRYSTOR is a unique chemical treatment for the waterproofing and protection of concrete. In the presence of moisture, the active chemicals in WATERGARD CRYSTOR penetrate concrete and react chemically with free lime to produce insoluble crystals. This crystalline growth reduces porosity by blocking capillaries and filling hairline non-structural cracks caused by shrinkage or expansion.

Recommended for:

WATERGARD CRYSTOR can be applied on both new and old structures either on the water retaining side or on the negative side. WATERGARD CRYSTOR is recommended for the following typical applications:

- water treatment & sewage structures
- basement walls
- irrigation tunnels
- supporting walls and columns
- tunnels, manholes, silos
- foundation slabs inside
- underground garages

Packaging: Available in 25 kg PE bags.

## WATERGARD CS

Cementitious waterproofing slurry

**WATERGARD CS** is a cementitious waterproofing slurry formulation. It consists of selected cement blend with well-graded fillers and synthetic resin. It could be applied unto damp substrates by brush, roller or spray. The degree of resistance of WATERGARD CS to water pressure depends on the coatings thickness.

Recommended for:

WATERGARD CS can be applied on both new and old structures. WATERGARD CS is recommended for the following typical applications:

- Potable water retaining structures
- Basement walls
- Swimming pools and features
- Kitchen and toilets
- Reservoirs, sumps, planter boxes, potable water tanks, culverts, canal, water retaining structures, etc.
- Domes and concrete structures
- Roof deck and balconies
- Fire wall

Packaging: Available in 25 kg bags.

## WATERGARD ELASTOR

Elastic Acrylic Coating

**WATERGARD ELASTOR** is a high performance UV resistant water based acrylic coating for use as waterproofing membrane for old or new roofs, gutters and structures to most construction materials, including concrete, asbestos, cement, corrugated iron, timber, etc. that cures into a tough elastic film that can withstand severe expansion and contraction movements.

It possesses outstanding exterior durability and excellent elasticity and elongation properties necessary to bridge forthcoming cracks without cracking or wrinkling. Once polymerized it is transformed into a non-degradable waterproofing membrane.

It is supplied ready for use direct from the container and is available in a range of colors.

Recommended for:

- waterproofing for all types of roofs
- as a reflective and decorative type waterproofing
- can be used over asphalt roofing systems, steel, concrete, aluminum brick, wood, etc.

Packaging: Available in 1 gal or 16 liter pail.

## WATERGARD PU

Elastomeric Liquid Applied Membrane

**WATERGARD PU** is a high performance, elastomeric, single component, moisture curing polyurethane waterproofing compound. The material cures by reaction with moisture in the air to form a seamless, tough but flexible waterproofing membrane with high elongation and recovery.

Recommended for:

- foundations, tunnels, basements
- roof terraces, car decks, balconies
- ground slabs prior to laying terrazzo, marble or tile floors
- bridges, highways
- mechanical rooms, fountains, internal wet rooms
- water retaining structures, planters, sewage works, etc.
- below-grade slabs, walls, culverts, drains, sea-walls, dams, reservoirs, concrete tanks and similar areas that require superior waterproofing properties.

Packaging: Available in 25 kg pail.

## WATERGARD WPU

Water-Based PU Bituminous Waterproofing Membrane

**WATERGARD WPU** is a single component which is newly developed polymer of MMA, natural rubber, and polyurethane combines with the reaction with asphalt and then being modified and further emulsified to form elastic waterproof membrane.

Recommended for:

- floor slabs
- foundations, tunnels, basements
- roof terraces, balconies, bathrooms, swimming pools.
- ground slabs prior to laying terrazzo, marble or tile floors
- bridges, highways, car decks
- mechanical rooms, fountains, internal wet rooms
- water retaining structures, planters, sewage works, etc.
- below-grade slabs, walls, culverts, drains, sea-walls, dams, reservoirs, concrete tanks and similar areas that require superior waterproofing properties.

Packaging: Available in 20 kg pails.

## WATERGARD WATERSTOP PVC

Polyvinyl Chloride Type Waterstop

**WATERGARD WATERSTOP PVC** is manufactured from high grade Polyvinyl Chloride resins and quality plasticising agents. It expands and contracts according to the expansion and contraction of concrete, and protects structures from subsidence and vibration.

Recommended for:

WATERGARD WATERSTOP PVC which provides a flexible integrally cast water barrier in concrete joints is used in the following:

- Electric Power Station - dam, surge tank, reservoir, culvert, water tank, wall of hydroelectric power station, tunnel, etc
- Waterworks and Sewerage - purifying tank, treating tank, reservoirs, settling pond, etc.
- Irrigation - watercourse, culvert, reservoir, etc.
- Structures - foundation, buttress, floor, roof, tide embankment, breakwater, etc.
- Railroad and road - tunnel, elevated bridge, subway, culvert, etc.
- Others - swimming pools, dry dock, water tank, etc.

## WATERGARD TA MEMBRANE

Torch Applied Waterproofing Membrane

**WATERGARD TA MEMBRANE** is ideal for use for a wide range of waterproofing applications. WATERGARD TA MEMBRANE is quality torch applied membranes manufactured from premium grade heavily modified bitumen, reinforced with a core of non-woven polyester fabric. The core does not rot and is malleable.

Recommended for:

- Basement tankings
- Concrete roof and floor slabs
- Car park deck slabs
- Concrete retaining structures
- Tunnels and subways
- And others civil works

## WATERGARD INTEGRAL

Integral Waterproofing

## WATERGARD ROOT RESISTANT WATERPROOFING

Root Resistant Waterproofing

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