COATINGS AND WATERPROOF MEMBRANES

WATERPROOFING

ANTI-SLIP COATINGS

THE ULTIMATE IN WATERPROOFING AND ANTI-SLIP TECHNOLOGY
**AZCOFLEX TR**

Trafficable acrylic waterproofing membrane

Azcoflex TR is a trafficable, high build, water based acrylic waterproofing membrane primarily designed for use in areas of infrequent to moderate foot traffic.

Azcoflex TR is UV resistant, tough and durable but still flexible. When cured it gives a seamless waterproofing membrane with excellent water ponding resistance, low dirt pick-up and good thermal shock stability.

Although the tough polymer system provides an excellent trafficable waterproof membrane, it can also be used on walls. It is a complete protective waterproof barrier for severe weather conditions, wind driven rain, salt spray and UV exposure.

**USES:**
- Roofs, decks, terraces
- podiums, balconies
- walls, parapets and facades

**AZCOTHANE REO**

Polyurethane fortified micro fibre reinforced water based waterproofing membrane

Azcothane Reo is a water-based, flexible, high performance, polyurethane fortified acrylic emulsion waterproofing membrane incorporating micro-fibres and formulated for use in demanding exposed, under tile, underground and immersed waterproofing applications.

The incorporation of reinforcing micro-fibres creates an internal reinforcing lattice thereby eliminating the need for external reinforcing. Azcothane’s Reo formulation complies with AS4858:2004 and is generally applied in accordance with AS3740:2004.

It is liquid applied and cures to form a durable, flexible, strong, UV resistant, odourless, seamless, and impervious waterproofing membrane. It does not re-emulsify after it has fully cured making it ideal for long-term waterproofing. It will not stain grout or tiles.

**USES:**
- Exposed concrete and metal roofs
- Wet areas within buildings (shower recesses, bathrooms and laundries)
- Ponds & water features
- Concrete and timber decks
- Terraces and balconies (under tiles)
- Concrete slabs
- Retaining walls
- Planter boxes
- Water retaining structures

**AZCOSEAL**

Clear “wet look” acrylic sealer and primer

Azcoseal is a premium clear acrylic in a solvent solution.

Azcoseal is formulated to provide a versatile sealer capable of deep penetration into a wide range of substrate and cures to form a clean, hard and resilient coating in a satin finish.

Azcoseal is an effective and long lasting sealer against water penetration, wind driven rain and salt spray.

Azcoseal is also designed as a penetrative primer for subsequent water based waterproofing membranes and high build paints and coatings and is particularly useful in high density and low-porosity surfaces such as tilt-up slabs.

Applied to pavers, brick, sandstone and masonry surfaces, Azcoseal gives an appealing ‘wet-look’ finish.

**USES:**
- Sealing and weatherproofing porous substrates
- Providing a penetrative primer for water based waterproofing membranes
- Encapsulating and sealing friable substrates such as asbestos sheeting
- Providing an attractive ‘wet-look’ sealer over pavers, brick, sandstone and masonry surfaces

**NOTE:** All surfaces will require preparation including a primer or sealer please ask for a PDS (Product Data Sheet) for a full product description and specification. MSDS (Material Safety Data Sheets) are available on request.
**BITUFLEX**

Rubberised bituminous latex waterproof membrane

1 Litre / 4 Litre

Duram Bituflex is a water-based 'rubberised' latex / bituminous waterproofing compound incorporating elastomers and reinforcing agents.

Designed for non-exposed applications.

It is formulated to a brushable consistency, but with sufficient body to provide a high build waterproofing membrane.

Bituflex is user friendly and non-hazardous. Although black in colour it will not stain grout or tiles and it will not re-emulsify after fully curing.

Duram Bituflex is designed as a economical general purpose waterproofing membrane.

**USES:**
Non-exposed applications, i.e covered, tiled or topped including: retaining walls, decks, patios, balconies and terraces.

---

**DURABIT EF**

Polyurethane fortified micro fibre reinforced water based waterproofing membrane

1 Litre / 4 Litre

Durabit EF (EF is for Extra Flexible) a water based, polymer emulsion waterproofing membrane. It has been tested by CSIRO (report 2947) and meets the criteria of AS4858:2004 Wet Area Membranes.

Durabit EF is an elastomeric, environmentally friendly membrane designed for both internal and external non-exposed applications. It cures to form a durable, impervious, seamless membrane that resists re-emulsifying after it has fully cured even if immersed in water.

Durabit EF does not stain grout or tiles and has excellent resistance to hydrostatic pressure.

**USES:**
Shower recesses and wet areas.
Tiled or topped - decks, terraces, balconies, podiums, roofs.
Retaining walls, planter boxes.
Water tanks and immersed conditions.

---

**PONDSEAL**

Polyurethane / acrylic co-polymer, water based coating

1 Litre / 4 Litre / 15 Litre

Pondseal is a polyurethane/acrylic co-polymer, water based coating which when fully cured, forms an impervious, flexible and aesthetically pleasing waterproofing membrane which enhances the look of the pond or water feature.

It is non-toxic and formulated to be suitable for use with fish and plants. Being liquid applied, Pondseal conforms to any shape and provides seamless 'paint-on' pond liner in a variety of colours.

**USES:**
Ponds, water features, bird baths, fountains and terracotta pots.

NOTE: All surfaces will require preparation including a primer or sealer please ask for a PDS (Product Data Sheet) for a full product description and specification. MSDS (Material Safety Data Sheets) are available on request.
**DURAM 195**

Modified polyurethane membrane

1 Litre / 4 Litre / 15 Litre

Duram 195 is a single pack, liquid applied, moisture curing, self-levelling, waterproofing membrane which cures to form a seamless, tough, durable, elastomeric waterproofing membrane.

Duram 195 incorporates UV stabilisers, UV absorbers and anti-oxidants to enable the product to provide greater UV protection and stability than conventional aromatic polyurethane membranes.

Duram 195 bonds well to most primed building substrates and is suitable for above and below ground applications.

Colour: Black / Charcoal grey but will not bleed or stain tiles or grout as the product is tar and bitumen free.

**MULTITHANE ATC**

Aliphatic top coat for greater UV protection (used with Duram 195 or Multithane membranes)

5 Litre / 15 Litre

Duram Multithane ATC is single pack, aliphatic polyurethane waterproofing top coat which has been formulated as a complimentary and compatible top coat for Duram 195.

UV Aliphatic technology provides greater UV protection, colour fastness and anti-chalking properties and is designed to extend the life of exposed aromatic polyurethanes.

Multithane ATC forms a tough, flexible, seamless, highly UV stable, waterproof coating

**CRYSTOFLEX**

2 pack (cementitious + polymer) waterproofing membrane

20Kg (part 1) + 10LTR (Part 2) = 30Kg Kit

Crystoflex is two part waterproofing membrane comprising of a liquid component of selected polymers and a powder component of selected cements, fillers and aggregates. When mixed together to form a brushable or rollable slurry, it provides a strong, hydrostatic pressure resistant, flexible waterproofing membrane.

Crystoflex was formulated for immersed or ponding situations such as the waterproofing of water tanks and water features but is just as suitable for non-immersed applications such as roofs or under tile waterproofing.

Crystoflex complies with AS/NZS 4020:2002 Testing of Products For Use In Contact With Drinking Water – Australian Water Quality Centre Report Number 4007/92.1595. In ponds and water features where an aesthetic appearance is required, Crystoflex can be top coated with Duram Primeseal which is compatible and enhances the performance of the entire waterproofing system.

**USES:**
- Shower recess and wet areas
- Tiled or covered areas, decks, balconies, terraces, podiums, retaining walls, planters and landscaped areas, structural slabs, tanks, pits, bunding areas.
- Water features
- Internal gutters

**NOTE:** All surfaces will require preparation including a primer or sealer please ask for a PDS (Product Data Sheet) for a full product description and specification. MSDS (Material Safety Data Sheets) are available on request.
**CRYSTOSEAL**

Waterproofing by “crystalisation”

20kg

Crystoseal is a ready-for-use (just add water) concentrated, high strength, cement-based waterproofing slurry incorporating chemical constituents which, when applied, become active in cementitious substrates and by a crystallisation process provides a waterproof seal within the substrate. Crystoseal waterproofs sound concrete or cement surfaces against water ingress, dampness, ground water and hydrostatic pressure.

Crystoseal is suitable for waterproofing both the positive and negative sides of the substrate. It consists of a blend of cements, graded quartz and active chemical constituents and gives a render-like appearance. Crystoseal works by the conversion of free lime in the concrete to insoluble calcium compounds. These seal against capillary ingress of water. Compounds within Crystoseal penetrate into the substrate where they in turn ‘crystallise’ on contact with moisture and create a waterproof barrier.

**PRIMESEAL**

2 pack water-based primer and sealer

1 Litre / 4 Litre / 20 Litre

Duram Primeseal is a versatile two-part, water based coating suitable for most types of porous and semi-porous surfaces. Primeseal has been designed for the dual roles of both a primer and a sealer.

As a primer, Primeseal is an excellent universal primer for all Duram waterproofing membranes, anti-slip coatings, paints and coatings. It has excellent bonding properties to most substrates and assists in the prevention of water vapour transmission from the substrate thereby minimising the risk of bubbles forming underneath membranes.

As a sealer, Primeseal exhibits excellent primary waterproofing and sealing properties and enhances the waterproofing performance of subsequent membranes and coatings. Primeseal’s standard colour is off-white and generally used as a top coat over Crystoflex to provide an attractive colour in water features.

**ME PRIMER**

Premium single pack epoxy modified etch primer

1 Litre / 4 Litre / 20 Litre

Duram ME Primer is a premium, single pack, epoxy modified etch primer formulated to provide excellent adhesion to most ferrous and non-ferrous metals including galvanised steel and aluminium.

It is recommended as an etch primer for mild steel, aluminium, galvanised iron & steel, copper and brass.

Note: Test patches should be carried out before general use.

**USES:**
- Foundations, basements, tunnels, retaining walls, water retaining structures, ponds, pools, silos, underground structures.

**USES:**
- Primeseal is suitable for most construction substrates and is formulated to prime and/or seal in conjunction with all Duram liquid membranes (See PDS for full specifications).

**USES:**
- Agriculture, soil, wall jointing, raw concrete floors, foundations, basements, retaining structures, underground structures.

**USES:**
- It is recommended as an etch primer for mild steel, aluminium, galvanised iron steel, copper and brass.

Note: Test patches should be carried out before general use.

**NOTE:** All surfaces will require preparation including a primer or sealer please ask for a PDS (Product Data Sheet) for a full product description and specification. MSDS (Material Safety Data Sheets) are available on request.
**DURAM SOLVENT**

Duram Solvent is a specific non-lacquer solvent for the thinning or diluting of Duram 195, Multithane and Rocktuff as well as cleaning and decreasing surfaces prior to the application of various products within the Duram range. Check PDS for each particular product for recommendations.

Duram Solvent is used for the thinning or diluting of Duram 195, Multithane and Rocktuff products in the Duram range of products and for the cleaning of brushes and spray equipment following the application of Duram 195, Multithane and Rocktuff.

1 Litre / 4 Litre / 20 Litre

**DURAM LEAK-SEAL TAPE**

Duram Leak-Seal Tape is a waterproofing membrane / reinforcing fabric combination to provide a simple yet excellent waterproofing solution for joins, corners, cracks and gaps.

Duram Leak-Seal Tape is a unique reinforcing fabric combined with a special 1mm nominal self-adhesive waterproofing compound. Used in conjunction with Duram waterproofing membranes, it provides the ultimate method in waterproofing and sealing joints, corners and cracks. Duram Leak-Seal Tape is simple to apply, is quick, saves time, money and importantly provides the ultimate in waterproofing technique, and long term reliability and protection.

Waterproofs and seals corners, joints, cracks and gaps. Duram Leak-Seal Tape should be used in conjunction with Duram waterproofing membranes for ultimate waterproofing protection.

Leak Seal Tape 80mm x 15m Roll

**DANCO FLASHING TAPE**

Aluminium foil backing with bitumous mastic and paper release liner. Instant, permanent and watertight, bonds to a wide range of substrates. Ideal for a wide variety of construction applications including permanent repairs to all types of gutters and flashings. Easily applied.

Silver / Grey 10m Roll
48mm / 72mm / 96mm / 150mm / 225mm / 300mm

**DURASCRIM**

Open weave polyester reinforcing fabric for the use of reinforcing Duram waterproofing membranes.

As a reinforcing fabric, Duram Durascrim is suitable to use with the following Duram Membranes: Durabit EF, Durabit Reo, Durabit - Bitumen Free, Azcoflex, Pondseal, Duram 195 and Multithane, Azcothane. Reinforcing membranes with Durascrim is recommended over joins, cracks, gaps and in corners or wherever additional tensile strength or membrane build-up is desired.

100mm x 10m / 100mm x 50m / 1000mm x 25m / 1000mm x 50m

**NOTE:** All surfaces will require preparation including a primer or sealer please ask for a PDS (Product Data Sheet) for a full product description and specification. MSDS (Material Safety Data Sheets) are available on request.
ROCKTUFF
Liquid polyurethane, anti-slip protective coating

Duram Rocktuff is a TUFF, durable, single pack, liquid applied, moisture curing, aromatic polyurethane anti-slip and protective coating. It cures to form a TUFF, abrasive resistant, semi-flexible coating in an attractive textured finish.

Rocktuff has excellent durability as it is heat, water, salt water, impact and chemical resistant to most dilute acids and alkalis.

Rocktuff has been designed to provide a slip resistant floor and protective coating for foot and vehicular traffic.

Rocktuff is available in an aliphatic version where colour fastness is important.

4 Litre / 15 Litre

VIROTUFF
Environmentally friendly, anti-slip protective coating

Duram Virotuff is a water based, environment friendly, TUFF, durable, single pack, liquid applied, urethane/polymer, UV resistant anti-slip protective coating.

Virotuff incorporates special composite ‘non-sharp’ aggregates to provide good traction against slip falls but also a pleasant underfoot feel.

Virotuff provides a TUFF, abrasion resistant, semi-flexible trafficable coating in an attractive textured finish – all in one can.

Virotuff is a slip resistant floor protective coating for foot and light vehicular traffic.

Virotuff is available in a range of colours.

4 Litre / 15 Litre

NOTE: All surfaces will require preparation including a primer or sealer please ask for a PDS (Product Data Sheet) for a full product description and specification.

MSDS (Material Safety Data Sheets) are available on request.
**ACCESSORIES**

**PAINT BRUSHES**

Pure hog bristle
- 25mm
- 50mm
- 75mm
- 100mm

**ROLLERS**

Textured roller for all membranes
Helps apply the products to the correct thickness where standard rollers tend to push the product around
- 230mm

**VINYL GLOVES**

One size fits all
One glove fits either hand
- Packs 20
- Boxes 100

Duram Industries Pty Ltd, a 100% Australian owned company, has manufactured on site a comprehensive range of waterproofing for almost 30 years ensuring that you can select the correct product for a given waterproofing application. The Duram range of waterproofing products include the following technologies:

**Water based:**
- Latex, acrylic and polyurethane.

**Solvent based:**
- Single pack moisture cure and two pack systems.

**Impregnates:**
- Acrylics, siloxanes and waterborne.

Email:
enquiries@duram.co.nz

Web:
www.duram.co.nz

Auckland
- Tel 09 622 9100

Wellington
- Tel 04 567 8125

Christchurch
- Tel 03 365 6453

Available from