

Adheseal

# Waterproofing Membranes

LOW VOC



Showers



Decks



## Everflex UTM - Adheseal

A high performance waterborne flexible (class 3) SBR latex/copolymer waterproofing membrane suitable for internal and external under tile applications. UTM is low VOC and complies with AS4858.

### Applications

- Wet areas, shower recesses, bathrooms, laundries and toilets
- Patios, terraces, decks and balconies which are to be topped or tiled

### Features

- Rapid drying
- High flexibility
- Tough and durable
- Low VOC - Green star compliant
- Non Toxic
- Water clean up
- Compatible with all common building materials
- Complies with the requirements of AS4858 (Class 3) and AS3740

### Compatible Primers

- Everflex WB Primer - Internal wet area applications
- Everflex SBP Primer - Internal wet areas and suspended external applications
- Everflex VBS Primer - External decks and balconies

### Approximate Coverage

- 1 x 15 litre pail = 10m<sup>2</sup> (2 coats)

Colour	Size	Code
Blue	15L	UTMBL/15
Grey	15L	UTMGR/15



## Everflex WPM - Adheseal

A high performance waterborne flexible (class 3), fibre reinforced, waterproofing membrane designed for internal wet areas and non-exposed external applications. WPM is low VOC and complies with AS4858:2010.

### Applications

- Wet areas, shower recesses, bathrooms, laundries and toilets
- Patios, terraces, decks and balconies which are to be topped or tiled

Colour	Size	Code
Grey	15L	WPMGR/15
Blue	15L	WPMBL/15



## Durabit Reo - Duram

A water-based, reinforced waterproofing membrane designed for both internal wet areas such as bathrooms and external applications such as terraces, decks and balconies which are to be topped or tiled.

Colour	Size	Code
Grey	4L	DURAREOGR/4
Blue	15L	DURAREOBL/15
Grey	15L	DURAREOGR/15



## Duromatic P15 - Durotech

A waterborne modified acrylic urethane waterproofing membrane designed for internal wet areas and non-exposed external applications. It is tough and flexible with a high film strength and exceptional elongation and elasticity properties.

Colour	Size	Code
Grey	15L	DUROP15GR/15



## Mapegum WPS - Mapei

Flexible liquid membrane for internal wet area waterproofing applications.

Colour	Size	Code
Light Grey	5kg	MAPWPS/5
Light Grey	10kg	MAPWPS/10
Light Grey	25kg	MAPWPS/25



## Aqua Defence - Mapei

Ultra-quick drying, flexible liquid membrane for waterproofing internal and external surfaces which are to be topped or tiled.

### Advantages

- Recoat in 1 hour ( at +23°C and 50% R.H.)
- Tile after 3-4 hours (at +23°C and 50% R.H.)
- Refer to data sheet for application instructions before application

Colour	Size	Code
Light Blue	7.5kg	AQUAD/7.5
Light Blue	15kg	AQUAD/15



## Primeseal Rapid - Bostik

A rapid setting water-based waterproofing membrane designed for internal wet areas and balconies. Suitable for internal and external under tile applications.

### Advantages

- Recoat in 1 - 2 hours (approximately)
- Tile after 4 hours (approximately)
- Refer to data sheet for application instructions before application

Colour	Size	Code
Blue	15L	PRIMESRAP/15



## Sikatite Undertile Rapid - Sika

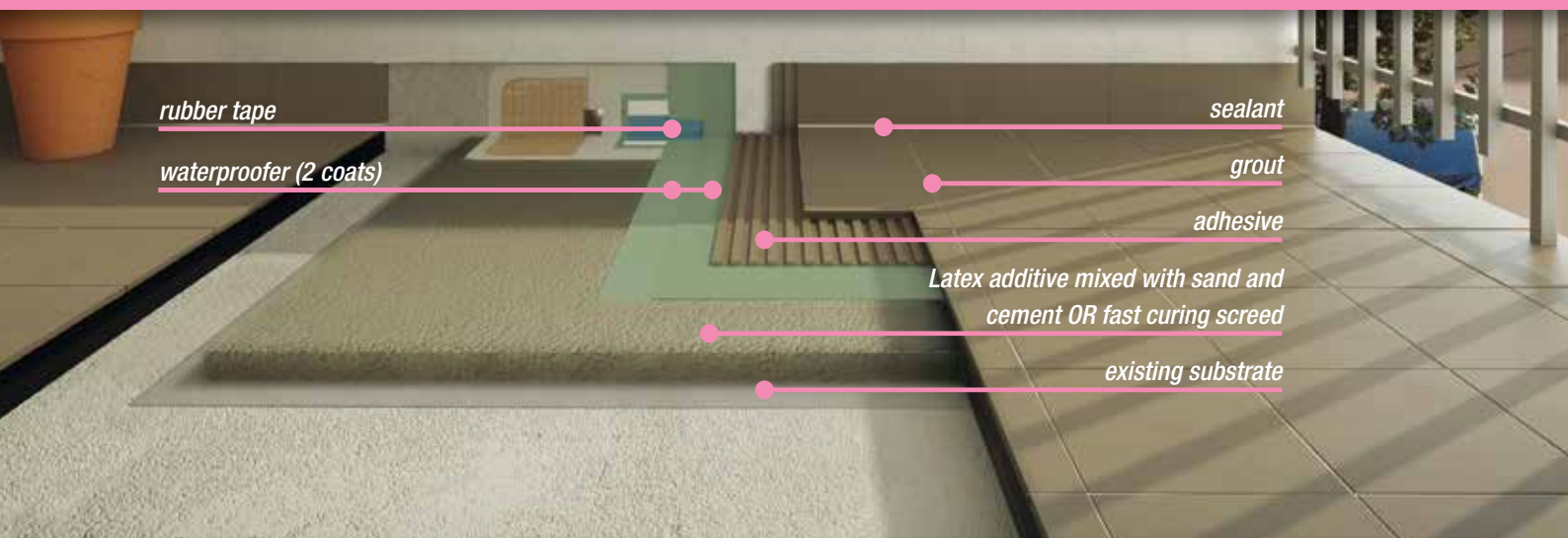
A rapid setting water-based waterproofing membrane designed for internal wet areas and balconies. Suitable for internal and external under tile applications.

### Advantages

- Recoat in 1 hour (approximately)
- Tile after 4 hours (approximately)
- Refer to data sheet for application instructions before application

Colour	Size	Code
Red	4L	SIKAUNDRA/4
Red	15L	SIKAUNDRA/15

# Waterproofing system for the installation of Ceramic Tiles on Balconies



rubber tape

waterproofer (2 coats)

sealant

grout

adhesive

Latex additive mixed with sand and cement OR fast curing screed

existing substrate



## screed additive:

### Planicrete SP

- latex additive to create mortars, screeds & renders with extremely high bond strength
- once set, mortars show mechanical resistance to shock & vibrations, resistance to water absorption, point load, freeze-thaw cycles, temperature changes, aging & diluted chemical agents
- internal/external use

or

## screed:

### Mapecem

- fast setting & drying screed
- suitable for floating & bonded screeds on existing & new slabs
- internal/external use
- ready for ceramic or stone tiles after 3-4 hours
- fully cured within 24 hours and ready for timber or vinyl installations



## waterproofer:

### Mapelastic AquaDefense

- ready to use, solvent free, flexible waterproofing membrane
- internal/external
- ready to tile after 4 hours\* (after 2nd coat)
- suitable over plasterboard, concrete, cementitious screeds & render



or

### Mapelastic Smart

- 2 component, flexible, cementitious waterproofing mortar
- internal/external
- 2 coat application using brush, roller or trowel
- resistant to alkalis, acids & salt solutions
- suitable for hairline cracks in renders and cementitious surfaces
- suitable for swimming pools, balconies, foundations, retaining walls & potable drinking water



## sealant:

### Mapesil AC

- solvent-free acetic silicone
- mould and mildew resistant
- high chemical resistance
- internal & external applications
- suitable for swimming pools and bathrooms
- available in 30 colours



## adhesive:

### Kerabond Plus & Isolastic 50

- cementitious adhesive mixed with a latex additive for superior bond and flexibility
- installation of most types of ceramic, porcelain and non moisture-sensitive stone material
- suitable for large format tiles
- internal/external — wall and floor

or

### Keraflex Maxi S1

- polymer modified adhesive
- suitable for large format tiles
- ideal for 3 -15mm bed thickness
- Internal/external — wall and floor



or

### Keraquick

- fast setting adhesive
- ready to grout after 2-3 hours\*
- installation of all ceramic, porcelain and stone tiles (NOT moisture-sensitive)
- suitable for large format tiles
- internal/external & floor/wall applications



## rubber tape:

### Mapeband

- rubber tape for the waterproofing between walls & floors, corners & expansion joints on balconies
- Elastic, vapour & water resistant
- resistant to alkalis, acids & salt solutions
- to be used with cementitious & liquid waterproofing membranes
- Mapeband also available in a self-adhesive tape: Mapeband SA



## grout:

### Ultracolor Plus

- joints 2 - 20mm
- fast drying - foot traffic after 3hrs\*
- suitable for all types of ceramic, porcelain and stone material
- suitable for internal/external wall and floor
- anti-efflorescent
- water repellent
- available in 30 colours



\* times refer to +23°C and 50% RH

Please refer to relevant product data sheets for further information - available from [www.mapei.com.au](http://www.mapei.com.au)

Freecall: 1800 652 666

Email: [sales@mapei.com.au](mailto:sales@mapei.com.au)



# Mapelastic AquaDefense

## Flexible Waterproofing Membrane



- Ready-to-use, flexible, liquid waterproofing membrane
- Solvent-free
- Ultra-quick drying
- For internal and external waterproofing applications
- Ceramic and stone material may be applied after only 4 hours
- Class III membrane according to AS4858:2004 Wet Area Membranes
- Suitable for Scyon Board (tiling side)

### Available in 7.5kg and 15kg drums

MAPELASTIC AQUADEFENSE	CLASS III MEMBRANE
Pot life	ready-mixed
Waiting time between coats	60 minutes
Waiting time before covering	3 - 4 hours
Application temperature	from +5°C - +35°C
Application types	brush or roller
Colour	light blue
Shelf life	24 months
Packaging	7.5kg and 15kg rectangular drums
Consumption	1kg/m <sup>2</sup> for two coats
VOC content	54 g/l



Scan to download technical data sheet





## Everflex WPUV - Adheseal

A high performance UV stable waterborne polyurethane based waterproofing membrane suitable for internal and external applications. It can be topped, tiled or left exposed and is capable of accommodating expected structural movement. WPUV cures to form a durable, odourless and seamless waterproof membrane with performance that exceeds AS-858:2004.

### Features

- Fast Drying
- Excellent UV resistance
- Fibre reinforced
- Green Star Compliant
- Low VOC

### Applications

- Exposed concrete and metal roofs
- Balconies, patios and decks to be topped or tiled
- Window reveals
- Wet areas, shower recesses, bathrooms, laundries and toilets

### Compatible Primers

- Everflex WB Primer - Internal wet area applications
- Everflex SBP Primer - Internal wet areas and suspended external applications
- Everflex VBS Primer - External decks and balconies

### Approximate Coverage

- 1 x 15 litre pail = 12m<sup>2</sup> (2 coats).

Colour	Size	Code
Grey	15L	WPUV/15



## Azcothane - Duram

UV resistant, flexible, water-based, polyurethane fortified acrylic emulsion waterproofing membrane formulated for use in exposed, under tile, underground and immersed waterproofing applications.

Colour	Size	Code
Grey (Reinforced)	15L	AZCOTHGR/15
White (Non -Reinforced)	15L	AZCOTHWH/15



## Duromastic AC - Durotech

A waterborne UV resistant liquid membrane suitable for internal/external under tile and exposed applications. It cures to form a tough flexible waterproof coating that is resistant to weathering, fungi and algae and is suitable for light foot traffic.

Colour	Size	Code
Grey	15L	DUROACGR/15
White	15L	DUROACWH/15



## Aquaflex Roof HR - Mapei

A water based flexible, fibre-filled, UV resistant, liquid membrane suitable for exposed external applications. Aquaflex HR forms a strong, flexible, tack-free dry surface, suitable for occasional light foot traffic.

Colour	Size	Code
White	20kg	AQUAFR/20



## Dampfix Gold - ASA

An elastomeric, UV stable, one part, fibre-reinforced water-based polyurethane membrane suitable for both internal and external applications such as wet areas, shower recesses, bathrooms, laundries, toilets, patios, terraces, decks and balconies which are to be topped or tiled.

Colour	Size	Code
Grey	15L	DAMPFGO/15



## Sikatite WPU

A water based waterproofing membrane suitable for internal/exposed and undertile external applications.

Colour	Size	Code
Grey	15L	SIKAWPUGR/15
White	15L	SIKAWPUWH/15

## Bituminous Liquid Applied Membranes



## Bituflex Membrane - Duram

A water-based, single pack, rubberised (latex) bituminous waterproofing compound. Bituflex is an economical general purpose waterproofing membrane suitable for non-exposed applications such as retaining walls and garden features.

Colour	Size	Code
Black	15L	BITUFLEX/15



## Plastimul - Mapei

An all-purpose water-based bituminous waterproofing membrane suitable for non-exposed waterproofing applications such as foundations, retaining walls and planter boxes.

Colour	Size	Code
Black	12kg	PLASTIMUL/12
Black	20kg	PLASTIMUL/20



## Sikatite BE - Sika

An acrylic based bitumen waterproofing membrane designed for underground use such as retaining walls and planter boxes.

Colour	Size	Code
Black	4L	SIKABE/4
Black	15L	SIKABE/15



## Multithane HV - Duram

A high viscosity, tough, durable, elastomeric (class 3), liquid applied, moisture curing, polyurethane waterproofing membrane suitable for above and below ground applications. Multithane HV has excellent bond strength to most primed common building substrates and is suitable for internal and external applications.

### Applications

- Tiled or covered areas
- Shower recesses and wet areas (floors and upturns)
- Decks, balconies, terraces & podiums
- Retaining walls
- Planter boxes and landscaped areas
- Structural slabs
- Tanks, pits and water retaining structures

Colour	Size	Code
Grey	15L	MULTITHHV/15



## Multithane STD - Duram

A low viscosity, high performance, single component, liquid applied, elastomeric (class 3) polyurethane membrane that cures rapidly to form a tough flexible waterproof lining. Multithane STD has excellent bond strength to most primed common building substrates and is suitable for both internal and external applications.

### Applications

- Shower recesses and wet areas (floors and upturns)
- Reinforced concrete and fibrous cement sheeting floors in bathrooms and laundries
- Waterproofing beneath screeds on decks, balconies and podium level surfaces which are to be topped or tiled

Colour	Size	Code
Grey	15L	MULTITHST/15



## Duroproof PU - Durotech

A high performance, fast cure, liquid applied, elastomeric polyurethane membrane that cures to form a seamless tough and flexible waterproof lining. Duroproof PU has a high viscosity to achieve a high build without slumping. It has excellent bond strength to most primed common building materials.

### Applications

- Planter boxes
- Tanking
- Retaining walls
- Above and below grade structures
- Balconies and podium decks
- Between concrete slabs
- Suitable for non-exposed applications only

Colour	Size	Code
Black	18.9L	DUROPUBL/18.9





## Duroproof NEP - Durotech

A low viscosity, high performance, single component, liquid applied, elastomeric (class 3) polyurethane membrane that cures rapidly to form a tough flexible waterproof lining. Duroproof NEP has excellent bond strength to most primed common building substrates and is suitable for both internal and external applications.

### Applications

- Shower recesses and wet areas (floors and upturns)
- Reinforced concrete and fibrous cement sheeting floors in bathrooms and laundries
- Waterproofing beneath screeds on decks, balconies and podium level surfaces which are to be topped or tiled

Colour	Size	Code
Grey	15L	DURONEP/15



## Dampfix PU - ASA

A low viscosity, high performance, single component, liquid applied, elastomeric (class 3) polyurethane membrane that cures rapidly to form a tough flexible waterproof lining. Dampfix PU has excellent bond strength to most primed common building substrates and is suitable for both internal and external applications.

### Applications

- Shower recesses and wet areas (floors and upturns)
- Reinforced concrete and fibrous cement sheeting floors in bathrooms and laundries
- Waterproofing beneath screeds on decks, balconies and podium level surfaces which are to be topped or tiled

Colour	Size	Code
Light Grey	15L	DAMPFPU/15



## Primeseal Bitum - Bostik

One-part bitumen modified (coal tar free), moisture curing, liquid polyurethane membrane. When cured it provides a tough highly elastomeric, impervious barrier to moisture.

### Applications

- Below grade concrete and masonry walls and footings
- Concrete and masonry basement walls and footings
- Concrete and masonry retaining walls and footings
- Internal planter box walls and floors graded to drainage

Colour	Size	Code
Black	25kg	PRIMEBIT/25



## Sikatite PU - Sika

Solvent based polyurethane membrane designed for below screed applications, balconies, planter boxes and podium areas.

### Applications

- Shower recesses and wet areas (floors and upturns)
- Reinforced concrete and fibrous cement sheeting floors in bathrooms and laundries
- Waterproofing beneath screeds on decks, balconies and podium level surfaces which are to be topped or tiled
- Suitable for non-exposed applications only

Colour	Size	Code
Grey	15L	SIKAPU/15



### Crystoflex - Duram

A flexible (class 2) UV resistant, two-part waterproofing membrane comprised from a cement base and selected polymers to create a tough and flexible waterproof seal.

**Applications**

- Retaining walls and planter boxes
- Water retaining structures such as concrete tanks, ponds, pools and fountains
- Under tile waterproofing on balconies, terraces, podiums and decks
- Wet areas - Class 2 membrane
- Suitable for contact with drinking water

Colour	Size	Code
Grey	30kg	CRYSTO/30



### Idrosilex Pronto - Mapei

A one component, non-flexible, osmotic cementitious mortar suitable for waterproofing concrete structures.

**Applications**

- Waterproofing foundations, walls, cellars, basements, lift-rooms, swimming pools, canals and reservoirs
- Waterproofing applications subject to negative hydrostatic pressure

Colour	Size	Code
Grey	20kg	IDROSILEX/20



### Mapelastc Smart - Mapei

A two-component UV-resistant, highly-flexible cementitious mortar suitable for waterproofing and concrete protection applications. Mapelastc Smart has a crack bridging capacity up to 2mm.

**Applications**

- Waterproofing internal & external under tile applications including swimming pools
- Waterproofing hydraulic channels, faces of dams and basins
- Flexible protection for concrete structures
- Protection of cementitious renders or concrete with cracks due to shrinkage

Colour	Size	Code
Grey	30kg	MAPSMART/30



### Mapelastc Foundation - Mapei

A two component, UV resistant, flexible cementitious mortar suitable for waterproofing concrete surfaces subject to both positive and negative pressure.

**Applications**

- Concrete retaining walls
- Underground applications such as car parks, cellars, swimming pools, lift pits and more

Colour	Size	Code
Grey	32kg	MAPEFOUND/32



## Sikalastic 1K - Sika

A one component, flexible, fibre-reinforced mortar, cement based waterproofing membrane. Suitable for positive and negative pressure and surfaces subject to flexural strain. Sikalastic 1K can be applied to damp surfaces.

### Applications

- Waterproofing retaining walls and tanks
- Internal waterproofing of walls and floors in basements
- Protection of concrete surfaces

Colour	Size	Code
Grey	20kg	SIKA1K/20



## Sikatite 2 Part - Sika

A two-component fast drying flexible, latex modified, cement based membrane.

### Applications

- Applications subject to negative hydrostatic pressure
- Fully immersed applications- pools, ponds, spas etc
- Internal/external under-tile applications
- Suitable to be applied over green screeds

Colour	Size	Code
Grey	20L	SIKA2P/20

## Torch Applied / Sheet Membranes



## Duro Stick SP - Durotech

A self-adhesive bituminous elastomeric waterproofing sheet membrane. Made from a high performance polymer bitumen combined with non-tear polyester reinforcement.

### Properties

- Excellent heat resistance
- Ideal for installation in restricted spaces
- Compatible with most building surfaces
- Can be torched with a cap sheet

### Applications

- Timber and balcony decks
- Foundations
- Retaining walls
- Under cement screeds

Size	Type	Code
1mt x 15mt x 2mm	Roll	DUROSTICK



## Duro Torch 3mm

A bituminous, plastomeric, torch-on membrane manufactured from a compound based on distilled bitumen modified with atactic polypropylene polymer (APP) and reinforced with a high strength polyester fabric.

### Properties

- Excellent dimensional and mechanical stability
- Good flexibility at low temperatures
- Excellent heat resistance

### Applications

- Civil
- Industrial
- Residential

Size	Type	Code
1mt x 10mt x 3mm	Roll	DUROTORCH/3



## Duro Torch Mineral

A bituminous plastomeric torch-on waterproofing sheet membrane. Made from modified bitumen with atactic polypropylene polymer (APP), reinforced with high strength polyester fabric. The top is finished with a uniform layer of coloured slate chips.

### Properties

- Good flexibility at low temperatures
- Excellent heat resistance
- UV resistant

Size	Type	Code
1mt x 10mt x 4.5mm	Roll	DUROMINERAL