

waterproofing

PROTITE

Waterproofing for the future



waterproofing

PROTiTE

PROTiTE is a high quality, Australian made environmentally friendly and non-toxic waterproofing range for both the trade and DIY.

WHY USE PROTiTE...

TRADE QUALITY

Quality commercial grade product.

NEW TECHNOLOGY

Polyurethane copolymer waterproofing formula.

COMPLETE SYSTEM

For most waterproofing requirements.

HIGH QUALITY

Protection against moisture and weather damage.

EASY TO USE

Non-toxic & environmentally friendly.

PROTiTE provides durable waterproofing solutions with exceptional results.

www.protite.com.au

PROTiTE waterproofing line-up

waterproofing

PROTiTE

BP32

WATERPROOFING
BITUMEN
MEMBRANE

waterproofing

PROTiTE

UT77

WATERPROOFING
UNDER TILE
MEMBRANE

waterproofing

PROTiTE

GP45

WATERPROOFING
GENERAL
PURPOSE
PRIMER

waterproofing

PROTiTE

RF66

WATERPROOFING
REINFORCING
FABRIC



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BP32

Protite BP32 Bitumen Membrane is a water-based copolymer modified bitumen liquid membrane for multipurpose waterproofing tasks. BP32 is solvent free, non-toxic, non-flammable and dries to form a black, glossy flexible and firm membrane. BP32 is a safe and high quality alternative to traditional solvent based bitumen and asphalt products. For added protection in full sun, coat with acrylic paint.

Features:

- Quick and easy to apply
- Apply by brush, roller (10-12 mm), trowel or spray (21 thou @ 3000 psi)
- Water clean-up (while wet)
- Solvent free, water-based, non-toxic, non-flammable and non-hazardous
- Flexible and elastic with +200% elongation
- Excellent adhesion properties
- Can be painted over with acrylic paint
- Can be applied in thin or thick bed (up to 3mm in warm and dry conditions)
- Can be applied to surfaces that are temporarily damp and with no free water
- Excellent sound insulator.

Applications:

- Protite BP32 is suitable for a wide range of building trade, rural, industrial and landscaping applications.
- Waterproofing behind retaining walls, basement and cellar walls
 - Sealing planter boxes and garden pots
 - Garden bed and landscape waterproofing
 - Sealing metal and concrete water tanks
 - Sealing ponds, water troughs and water features
 - Protection of timber posts, marine ply, and FC sheeting

- Sealing of tree pruning and tree wounds
- Sound deadening of metal surfaces
- Roof and gutter repairs
- Repair of aged and damaged bitumen coatings

Surfaces:

Protite BP32 can be applied over these surfaces;

- Concrete
- Masonry and brick
- Fibrous and asbestos cement sheeting
- Timber
- Zinalume, galvanised steel and colorbond roofing
- Plasterboard
- Concrete blockwork

User Instructions:

Coverage:

Minimum 1.5 litres/m² total, applied as 2 or more coats.

Preparation:

Remove dirt, dust, flaking rust, loose particles and coatings, oily grime and unsound concrete. Scrub aged bitumen surfaces with turps or kero. Sand aged timber. Ensure surfaces are dry, stable and structurally sound. Allow concrete and render to fully cure. Prime fine cracks, porous and weakly bound surfaces and metals with 1 part water mixed into 2 part membrane. For larger cracks, expansion joints and floor wall junctions, seal neatly with neutral cure silicone sealant and when cured, apply membrane with fabric reinforcement as explained below.

Application:

Do not apply externally if rain is expected presently. For thin application gently stir product before use. Ensure primer is completely dry. Apply evenly and check for missed areas and pinholes. Apply further

coats from cross directions after 4 to 6 hours. Use Protite Reinforcing Fabric over expansion joints, cracks, all wall and floor junctions and pipe penetrations. Apply this by first brushing out a layer of membrane (1-2 mm), next lay in the fabric and ensure there are no air bubbles or wrinkles, and the fabric is fully set in. Brush over with more membrane until the fabric is completely covered. Do not apply below 10°C. Before direct contact with water or soil allow at least 10 days to cure. Use plastic protection board before backfilling waterproofed foundations. To prolong the life of membrane in sun exposure, coat with exterior acrylic paint.

Primer:

For Protite BP32 a primer can be formed by mixing Protite BP32 with water at a ratio of 1 part water

into 2 parts BP32. Ensure primer is completely dry before applying surface membrane.

Drying Time:

Allow 4 to 6 hours to dry. Backfill foundations with protection board after 3 to 4 days. Before direct contact with water or soil allow at least 10 days to cure at 20°C.

Cleanup:

Before drying, clean up with water. Scrape off when dry or use mineral turps for spot removal.

Shelf Life:

12 months at 20°C in original unopened containers. Protect from freezing

Pack Size:

2 litre, 4 litre, 15 litre.



WATERPROOFING BITUMEN MEMBRANE

waterproofing **PROTITE** UT77

Protite UT77 Under Tile Membrane is a polyurethane modified copolymer acrylic waterproofing membrane specifically formulated for bathrooms, laundries, balconies, terraces and other wet areas. Use Protite UT77 prior to installing mortar beds, render or tiling. The membrane forms a blue coloured water resistant elastomeric film with excellent durability.

Features:

- Water-based. Non-hazardous and non-flammable
- Highly durable. Water, oxidation and UV and weather resistant
- Compatible with polymer modified tile adhesives
- Paintable with acrylic coatings
- Complies with the requirements of AS4858 Class 3 and AS3740
- Extends to over 400%
- Application by brush, or roller (10-12mm nap)
- Easy clean-up with water (while wet)

Applications:

- Waterproofing bathrooms, showers and laundries
- Waterproofing terraces, decks and balconies
- Waterproofing walk-on roofs prior to screeding and tiling
- Waterproofing parapets and light trafficable roof areas
- As a barrier under renders and mortar toppings and slabs.
- As a rooftop coating

Surfaces:

- Concrete and concrete blockwork
- Fibrous and asbestos cement sheeting
- Masonry, brick and sandstone
- Zincalume and galvanised iron
- Existing acrylic coatings
- Timber
- Plasterboard

User Instructions:

Coverage:

Minimum 1.0 litres/m² per coat, applied as 2 (minimum) or more coats.

Preparation:

Remove dirt, dust, loose particles, old adhesives and coatings, grime and unsound concrete. Where possible wash down oily, dirt contaminated, or powdery surfaces with dilute detergent, then rinse and dry thoroughly. Allow new concrete and render to fully cure. Ensure all sheeting and surfaces are dry, stable, sound and fully secured. Fix any rising damp problems beforehand. For timber floor surfaces use fibre cement sheeting as a replacement or cover. Remove or flatten all sharp concrete edges, mortar droppings, screw and nail heads. Prime wall and floor surfaces with Protite GP45 General Purpose Primer. Etch PVC fittings with plumbers PVC primer. For larger cracks, expansion joints and floor, pipe penetrations wall or hob junctions, seal neatly with neutral cure silicone sealant (smooth curved 12 mm bead), and when cured apply membrane with fabric reinforcement as explained below.

Application:

Do not apply externally if rain is expected presently. Do not apply below 10°C or above 30°C externally. Ensure that the primer coat is completely dry. Apply evenly and check for missed areas and pinholes. Apply further coats from cross directions after 4 to 6 hours. Do not apply as one coat. Apply down into drainage outlets. Use Protite Reinforcing Fabric over expansion joints, cracks, all wall and floor junctions, and pipe penetrations. Apply this by first brushing out a layer of membrane (1-2 mm), next lay in

WATERPROOFING UNDER TILE MEMBRANE

the fabric and ensure there are no air bubbles, and the fabric is fully set in without wrinkles. Then brush over with more membrane. Good air flow and warmth will speed drying.

Drying Time:

Allow 4 to 6 hours to dry. Flood test after 3 days. Tile or apply mortar bed after 3 to 4 days. Reputable polymer modified tile adhesives and renders are recommended.

Cleanup:

Before drying, clean up with water. Scrape off when dry or use paint stripper for spot removal.

Shelf Life:

12 months at 20°C in original unopened containers. Protect from freezing

Pack Size:

4 litre, 15 litre.



waterproofing
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GP45

Protite GP45 General Purpose Primer is a copolymer waterproofing primer specifically formulated for priming concrete, masonry and fibre cement sheeting. It forms a light pink sealed surface ready for application of water-based waterproofing membranes. Protite GP45 can also be used for general sealing of fibrous cement sheeting.

Features:

- Water based. Non-hazardous
- Easy to use and economical
- Can be applied by brush, or roller (10 mm nap)
- Excellent surface penetration. Suitable for porous and non-porous surfaces
- Boosts adhesion of top coats
- Paintable with acrylic coatings
- Easy clean-up with water (while wet)
- Excellent bonding agent for weakly bound surfaces
- Improved water resistance and waterproof properties when applied prior to Protite water-based waterproofing membranes.
- Improved crack, frost and salt resistance
- Compatible with Protite UT77 Under Tile Membrane, quality tile adhesives, polymer renders and acrylic paints.

Applications:

- Priming prior to application of Protite UT77 Under Tile Membrane waterproofing.
- Sealing of fibrous cement
- As a penetrating binder for friable and weak concrete surfaces
- As a general purpose penetrating primer for acrylic paints.
- As a general purpose penetrating primer for render.

Surfaces:

- Concrete, render and blockwork
- Fibrous and asbestos cement sheeting
- Masonry, bricks and sandstone
- Existing acrylic coatings

User Instructions:

Coverage:

Smooth surfaces

1.0 litres per 6 to 8m²

Rough/porous surfaces

1.0 litre per 3 to 4m²

Preparation:

Remove all dirt, dust, loose particles, old adhesives and coatings, grime and unsound concrete. Where possible wash down oily, dirt contaminated, or powdery surfaces with dilute detergent, then rinse and dry thoroughly. Allow new concrete, screed and render to fully cure. Ensure all sheeting and surfaces are dry, stable, sound and fully secured. Fix any rising damp problems beforehand.

WATERPROOFING GENERAL PURPOSE PRIMER

Shelf Life:

12 months at 20°C in original unopened containers. Protect from freezing

Pack Size: 2 litre, 4 litre, 10 litre.

Application:

Do not apply externally if rain is expected presently. Apply evenly with a brush or roller (10 mm nap) and check for missed areas and pinholes. Do not apply below 8°C. Good air flow and warmth will speed drying. On very porous surfaces apply two coats.

Drying Time:

Touch dry in 0.5 to 1 hour. Allow at least 2-3 hours to dry before applying water-based membranes.

Cleanup:

Before drying, clean up with water. Scrape off when dry or use paint stripper for spot removal.



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RF66

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WATERPROOFING REINFORCING FABRIC

Protite RF66 Reinforcing Fabric is a high quality non-woven synthetic fabric strip in roll form that is used between coats of waterproofing membrane to form a strong, reinforced and integrated membrane sheet.

Features:

- Easy to use
- Compatible with all Protite membranes
- Tough, durable and lightweight

Applications:

- Reinforcement of floor and wall junctions in bathrooms, decks, roof areas and wet areas
- Reinforcement of pipe outlet penetrations, floor wastes, shower wastes, flashings and overlaps
- Reinforcement of corner junctions in wet areas, planter boxes, ponds and tanks
- Enhancement of tensile strength, tear resistance, crack bridging and puncture resistance of membranes
- Bridging concrete cracks (stationary)
- As a means of controlling membrane application thickness

Surfaces:

- Concrete
- Masonry and brick
- Fibrous and asbestos cement sheeting
- Timber
- Zincalume, galvanised steel and colorbond roofing
- Plasterboard
- Concrete blockwork

User Instructions:

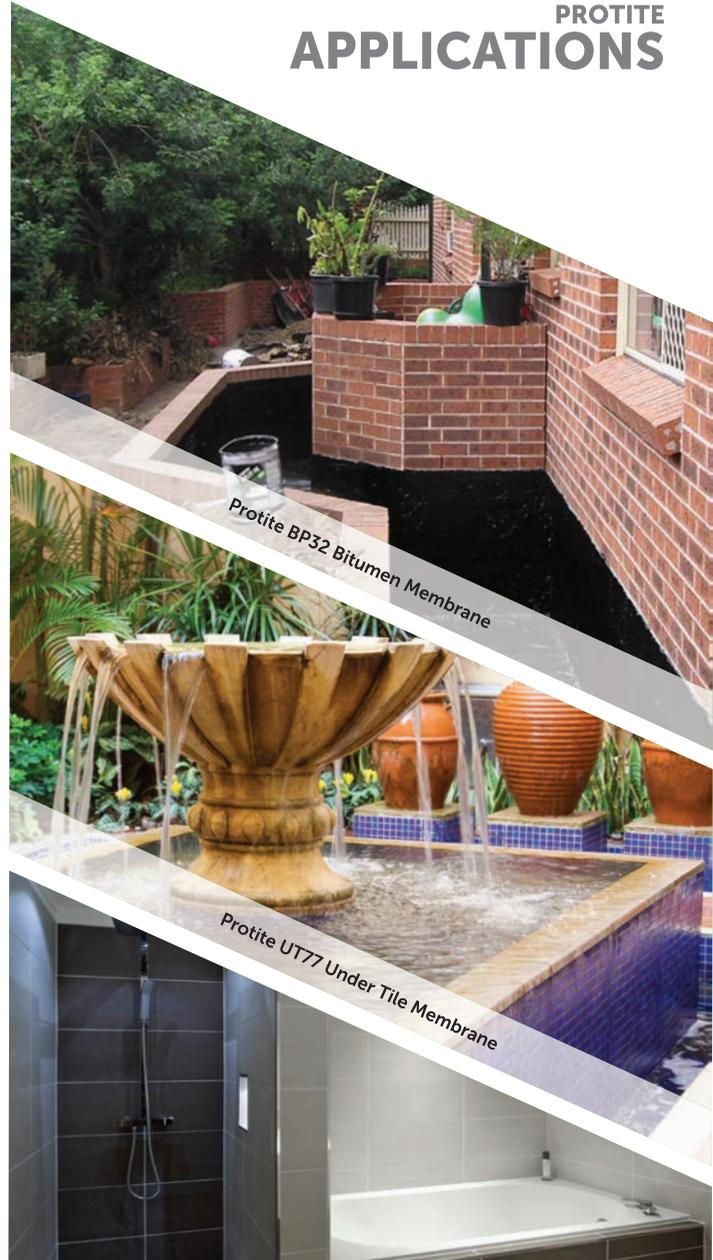
Measure out and cut required lengths of fabric with scissors or a sharp knife, allowing 50mm for overlaps and corner folds. Apply liquid membrane as per data sheets to only those areas that are to be reinforced. Do not brush out more membrane than can be quickly embedded with fabric. Seat the fabric carefully onto the wet membrane and gently brush the fabric into the wet membrane in one direction until the membrane penetrates and wets out the fabric. Use a brush or spatula to smooth out all bubbles and wrinkles. Apply a second layer of membrane over the top to completely cover the fabric. Do not apply the fabric to membrane that has dried or 'skinned' on the surface. If dry, reapply wet membrane and then apply fabric.

Sizes:

10m x 190mm, 50m x 190mm



PROTITE APPLICATIONS



Protite UT77 Under Tile Membrane

waterproofing

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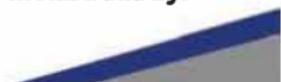
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