



# Allnex Commercial Waterproofing and Tanking Solutions

Allnex Construction Products have a strong heritage of performance in the area of waterproofing and tanking solutions for the commercial and residential markets.

Car Parks and Plaza Decks Systems  
Allnex Below Grade/Tanking and Waterproofing Systems



# Below Grade/Tanking Systems

GCP Preprufe and Bituthene membrane systems provide a fully bonded solution for waterproofing below grade structures.

## Preprufe 160 Plus + Preprufe 300 Plus

Preprufe 160 + Preprufe 300 use tanking membrane consisting of a heavy duty reinforced polyethylene backing with an aggressive pressure sensitive adhesive face which forms a unique bond to concrete poured against it.

*Typically used under foundation slabs, around footings and cast in-situ walls.*

- Fully bonded to concrete floor slab or wall.
- Provides a barrier to water, moisture and gas – physically isolates the structure from the surrounding ground.
- Zero permeance to moisture.
- Not reliant on confining pressures or hydrations.
- Unaffected by freeze/thaw, wet/dry cycling.
- Tough and puncture resistance 445N.
- BRANZ appraised.





## Bituthene 3000

A self-adhesive modied bitumen sheet membrane consisting of a cross laminated, reinforced polyethylene backing.

*Post applied to precast or concrete block retaining walls.*

- Highly flexible with the ability to accommodate settlement and shrinkage movement.
- Superior bond between substrate and membrane.
- Inner bitumen layer self-heals around any tears or penetrations.
- Consistent thickness at 1.5mm vs. liquid waterproofing membrane which is variable in thickness.
- Chemically resistant against aggressive soils and ground water.
- Compatible with Preprufe 160 and has full range of complimentary products for detailing.
- BRANZ appraised.



## Supadeck BG

Supadeck BG is a polyurethane waterproofing system which displays superior elongation for flexibility. Typically used on concrete where a liquid roll-on waterproofing is required but also may be used on Poly-block Construction. Interior / Exterior installation.

### SUGGESTED APPLICATIONS:

- Construction.
- Complex areas small decks, planters, retaining walls.
- Concrete Gutters.
- Damp Proofing.
- Temporary waterproofing on horizontal areas.
- Exterior below ground waterproofing where a sheet membrane cannot be applied but back filling is required.





# Carpark and Deck Systems

Allnex provide high performance, heavy duty solutions for carpark and decking surfaces.

## Bituthene 5000

*Recommended primarily for car park or plaza decks*

Bituthene 5000 is a composite membrane incorporating high performance moisture and water resistant rubberised asphalt with tough, puncture and heat resistant polypropylene reinforced mesh. Specially developed for use under hot applied asphalt wearing course.



## Supadeck HD

**Liquid Exterior Coating**

Supadeck HD (heavy duty) is a flexible, coloured, polyurethane deck coating which provides a watertight, durable and UV resistance wear surface for interior and exterior high traffic areas. Supadeck HD will protect concrete from water and chemical Ingress and can provide a safe slip resistance surface.

## Ultratuff

Ultratuff 001FC Liquid Waterproofing is a reinforced waterproofing membrane. It is liquid applied in-situ to adapt to the design and shape of the area being waterproofed.

### RECOMMENDED USES:

- Window Rebates
- Bathrooms under tiles, including wet area showers.
- Decks under tiles
- Roofs (over-coated with Flexiglaze or a high quality acrylic paint, or Coloured Granule chip)



## Terraflex

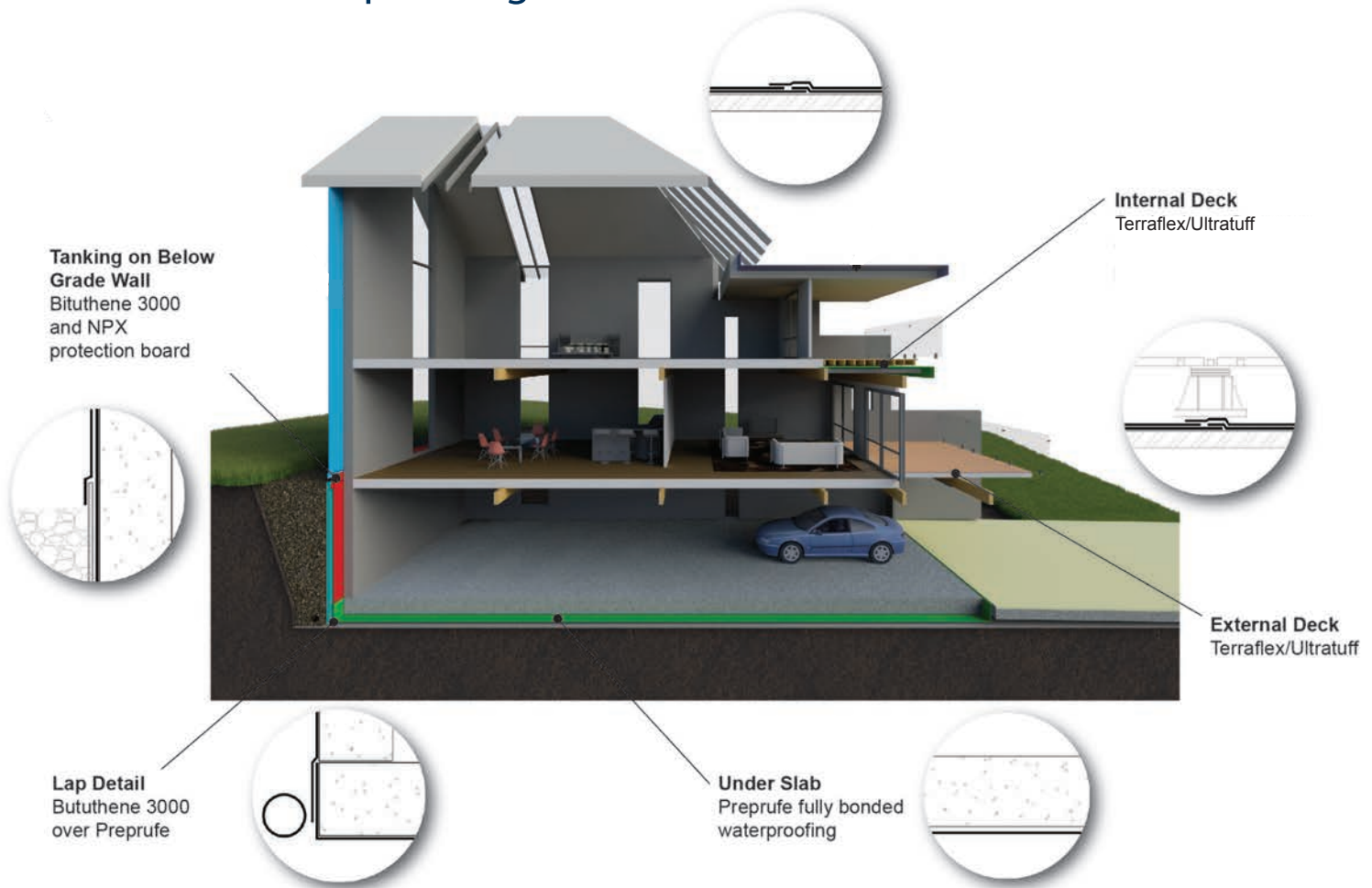
Terraflex is a fibreglass reinforced waterproofing deck membrane. It is liquid applied in-situ to adapt to the design and shape of the area being waterproofed. It is based on a high quality, durable acrylic resin.

### RECOMMENDED USES:

- Decks, patio's, suspended decks, Concrete roofs, plant rooms.
- For use over concrete and correctly installed Fibre cement or plywood.
- For waterproofing complex shapes e.g. balustrades; curved surfaces, curved balustrades. Multi-directional shapes



# Allnex Waterproofing Solutions



## General Waterproofing Products

### Aquakem

Aquakem (Aquaguard 101) is a chemically cured, two part, waterbased epoxy coating which is applied in moderately heavy films and used for waterproofing interior walls and floors.

Applied to the interior side.

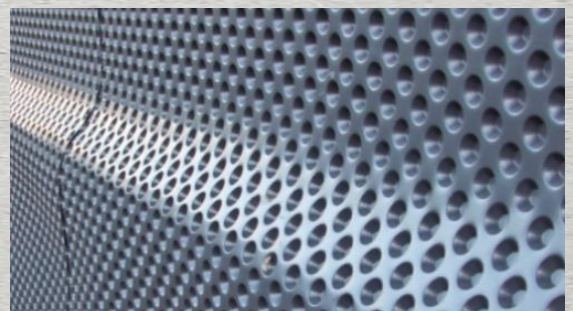
Remedial waterproofing on existing walls / floors where no other DPC exists.

Aquakem (Aquaguard 101) is recommended as a DPC (DPM). It is often used to treat existing floors to create new living spaces



### NPX Drainage/Protection Sheet

A dimpled polypropylene sheet with an adhered filter fabric for vertical or horizontal protection and drainage of waterproofing membranes such as Allnex Bituthene or Soprema membranes.







## The bond of quality product and first class installation

A unique organisation of sub-contracting companies specialising in waterproofing, roofing and flooring.

Partnered with Allnex, ACFED members provide outstanding building confidence. The bond of quality product and first-class installation.



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Allnex Construction Products is the foundation business of the global Allnex Industries Group. Allnex has built a reputation for delivering high quality innovative products through its commitment to R&D across its various businesses. We ensure the latest technologies are harnessed to provide the New Zealand and Australian markets with engineered construction products that are durable.