



## ARDEX Butynol® Setting the standard in waterproofing since 1962

A Butyl rubber waterproofing membrane engineered for roofs, decks and water containment, ARDEX Butynol® is renowned for its strength, versatility and watertightness. It has a long, proud history and an unmatched record of success in the waterproofing industry.

ARDEX Butynol® is a synthetic rubber membrane which resists ageing from heat, sunlight and ozone and is proven the world over to provide a durable, extremely long-lasting roofing system with the flexibility to conform to the shape of virtually any roofing profile. It has excellent gas impermeability and toughness and remains flexible at low temperatures.

Regardless of whether it's laid on a high pitched roof with a good run off or a flat roof subject to periodic ponding, ARDEX Butynol® will protect against water. The membrane should always be fixed by approved Applicators because they have been specially trained and are experienced in various application methods.

First manufactured in Christchurch in 1962, ARDEX Butynol® is now the only Butyl membrane available in Australasia that is produced in New Zealand. It is still manufactured at the ARDEX Christchurch facility, which is the centre of excellence for waterproofing within the ARDEX International group.

### Only Genuine ARDEX Butynol® can be called Butynol®

Butynol® is New Zealand's best known rubber membrane. In fact the Butynol® brand is so well known and trusted that sometimes other rubber membranes get called Butynol®. ARDEX Butynol® is a registered trademark and genuine Butynol® is only available through approved applicators. Don't accept substitutes! If you are unsure please contact your local ARDEX branch.



### A Complete System

ARDEX Butynol® can be manufactured in a range of environmentally sensitive colours and gauges to suit every situation.

- 1.5mm** Black, Dove Grey, Dark Grey, Blue, Terracotta, Light Green, Dark Green\*
- 1.2mm** Black, Dove Grey
- 1.0mm** Black

\*Some colours will need to be made to order so please confirm availability with your local ARDEX representative.

Supporting ARDEX Butynol® waterproofing membranes are a range of quality products and accessories that have been specifically designed to work together.

- Adhesives & Solvents** Specially formulated for all Butynol® applications. Available in solvent & water based. Supplied in 20L, 4L & 1L drums and cans.
- Butynol Sealant** Available in tubes for caulking guns
- Primers & Tapes** A range of products recommended for all Butynol® applications.
- Accessories** Rainheads, scuppers, droppers, deck drains, flashings and roof vents.



### BRANZ Appraised



ARDEX Butynol® has been appraised by BRANZ and awarded Appraisal No. 436. BRANZ gives independent assessments of building products, materials, systems or methods of design or construction.

### Superior Performance and Versatility

**Quality Assurance** – Decades of experience manufacturing, ARDEX technical assistance available on site.

**Flexibility** - From flat and minimum pitch roofs to curves, compound curves and sharp angles Butynol® suits any shape.

**Water Protection** - Superior waterproofing protection as part of a complete system installed by specially trained approved applicators.

**Materials Warranty** - Unique 20 year materials warranty available when laid in accordance to ARDEX specifications.

**Sound Comfort** - Insulates working and living environments from exterior noise due to soundproofing qualities of rubber.

**Complete System** - Specialist adhesives, sealants, tapes and accessories have all been designed to work together with ARDEX Butynol®.

**Projects of any size** – Suitable for large commercial buildings or residential homes.

**Potable water** – Butynol® is suitable for water storage, ponds, roof gardens and for roofs used for collecting water supplies.

**UV Stable** - retains superior waterproofing capabilities despite the harshest UV conditions in the world.



Application of ARDEX Butyseal. Note the typically textured finish of installed Butyseal.



Engineered solutions for tiling, flooring and waterproofing projects

# ARDEX Butynol® HD / Butyseal

## Heavy Duty Butynol Waterproofing Membrane

A new innovation from ARDEX New Zealand Ltd, ARDEX Butyseal provides a time proven waterproofing system while also offering permanent venting of the substrate. ARDEX Butyseal can be applied to new substrates or over existing membrane systems. This avoids the disruption that is normally associated with re-roofing projects, the excessive cost from insurance against water damage and the disposal charges for old roofing materials.

ARDEX Butyseal is a high performance synthetic rubber membrane based on genuine ARDEX Butynol® technology and combined with a geotextile backing. It has been designed primarily for the retrofit of existing bitumen, malthoid, concrete or tongue and groove sarking. The membrane incorporates a fibre backing which is laminated to the underside of the Butyl sheet membrane.

The substrate is permanently ventilated when ARDEX Butyseal is used. The membrane allows moisture to be drawn from the substrate to dissipate through the fibre backing to perimeter flashings, or to strategically positioned Vapour Release Vents.

The fibre backing allows the membrane to take up minor undulations in the substrate which is particularly relevant when applied over

existing membrane systems. ARDEX Butyseal may be applied over various substrates such as built-up roof systems, malthoid, liquid membranes and earth-formed dams. Substrate bonding is achieved with a variety of specially developed adhesives.

### Acceptable Substrates:

- Structural Concrete
- Modified Bitumen roofs
- Polyurethane Foams
- Tongue and Grooved or Butt Joined Sarking
- Plywood
- Malthoid
- Old rigid Nuralite

A roll of ARDEX Butyseal showing the geotextile backing on the underside of the membrane and the sealing edge for Seam Tape.



## Heavy Duty Performance

**Cost Effective** – The fibre backing provides a protective underside barrier that allows application over a range of surfaces, including some existing membranes and bitumen.

**Flexibility** - Retains flexibility and is not stressed in any way by the backing or inhibited to compensate for building movement.

**Extra Strength** - High puncture, tear and impact resistance.

**UV Stable** - ARDEX Butyseal is unaffected by thermal shock and UV rays.

**Versatility** - Able to be loose laid over surfaces with moisture content. No delays with uncured slabs. Water vapour can dissipate without causing stress to the membrane.

**Quick Application** - The system is fully bonded by spraying ARDEX WA 98 contact adhesive. ARDEX Butyseal can also be loose laid and ballasted.



# ARDEX BUTYNOL®

## Rubber Waterproofing Membrane for Roofs & Decks

