

## Technical Data Sheet

### Denso Butyl Primer – Potable Water Grade

- Description:** A solvent based rubber adhesive solution for priming substrates to promote the adhesion of butyl tapes.  
For corrosion prevention of substrates subjected to submersion or exposed to humidity in water-based environments.
- Composition:** Adhesion promoting butyl rubber resins dissolved in solvent based vehicles.
- Characteristics:**
- certified to AS4020 for contact with potable water
  - a black primer which is easily brushed, sponge roller or spray applied
  - stable over a wide temperature range, non-hardening or cracking
  - accommodates vibration and movement of substrate
  - highly resistant to mineral acids, alkalis and salts
  - will adhere to steel, painted metals, concrete, glass, FBE coatings and butyl rubber-based tapes
  - can be used on new, power brushed, or abrasive blasted substrates to condition the surface prior to the application of the Denso butyl tapes
- Uses:** Primarily designed to promote adhesion of potable water grade Denso Butyl Tape in potable water environments, to prevent corrosion.  
Adhesion promotion to substrates of potable water grade Denso Butyl Mastic Tape to provide corrosion protection to substrates.
- Surface Preparation:** If possible prepare steel to St2 (power brushed) / AS1627 P2. Pre-existing coating edges should be chamfered to remove step downs.  
Approximately a 100mm band of the coating should be abraded and solvent (toluene) degreased either side of joint. Ensure all surfaces (especially concrete) are as dry and clean as possible.
- Application:** Thoroughly stir the primer in its container to ensure uniformity prior to use.  
Apply a thin coating, 3.5 m<sup>2</sup>/litre, by brush, sponge roller or spray over new, previously cleaned surface. For maximum performance allow surface to tack dry before applying potable water grade Denso Butyl Mastic Tape (5 to 10 minutes). Tape is applied after solvent vehicle has evaporated and primer is still tacky.
- Recommended Temperatures:**
- Application: -30 to +40 °C
  - Service: -40 to +85 °C
  - Peak: +95 °C
- Shelf Life:** 2 years
- Storage:** In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.

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### Denso Butyl Primer – Potable Water Grade

Dimensions:

DENSOPRIMPW	1L (10/Carton)
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Physical  
Properties:

Test	Test Methods	Units	Value
Solids Content	ISO 1515	%w/w	40
Brookfield Viscosity @ 20°C	ASTM D2196	cps	5500
Density @ 15°C	ASTM D1475	kg/L	1.10
Flash Point	ASTM D92	°C	- 26
Dielectric Strength	ASTM D149	kV	≥ 10