

# BUTYNOL® SEALANT PLUS

## MULTIPURPOSE CONSTRUCTION ADHESIVE AND SEALANT



**SIZE : 310 ML**

- Can be used underwater, ideal for minor repair applications
- Extremely versatile - bonds a wide range of materials including metal, glass, wood, ceramics and plastic
- Use to seal expansion and connection joints
- Extremely flexible
- High initial tack and bond strength
- Neutral curing system - free of solvents, water and isocyanates
- Can be over painted
- Shrinkage free drying
- Single component Silane Modified Polymer (SMP)
- Internal and external, wall and floor

### PRODUCT DESCRIPTION

DUNLOP BUTYNOL® SEALANT PLUS is a one component, silane modified polymer adhesive and neutral curing sealant which hardens in reaction with moisture. DUNLOP BUTYNOL® SEALANT PLUS is extremely flexible, with a high initial tack and good bond strength, making it suitable for a wide range of applications. It is ideal as a general shower, kitchen and bathroom repair adhesive and sealant for replacing tiles, fitting accessories such as soap holders and finishing off joints. Its shrinkage free drying and ability to be used internally and externally on walls and floors adds to the versatility of DUNLOP BUTYNOL® SEALANT PLUS.

DUNLOP BUTYNOL® SEALANT PLUS is designed for specified use in fresh underwater environments ONLY. It is not recommended for use in waters that has been treated with chemicals, e.g. a swimming pool. For further information please contact DUNLOP Technical Services. For larger areas and/or chemical resistance applications tests should be carried out prior to use.

### USE

DUNLOP BUTYNOL® SEALANT PLUS is ideal for bonding most construction materials including glass, tiles, ceramics, wood, plastic and metal. It can also be used for repairing areas of loose tiles, carpet or vinyl; for fixing decorative, acoustic and thermal insulation panels as well as decorative beams and sections; also for fixing skirting boards, cable ducts, mirrors, bathroom and shower accessories, and door handles.

DUNLOP BUTYNOL® SEALANT PLUS can be used for elastic joints between wood, plastic, metal and ceramic materials or for sealing expansion and connection joints.

DUNLOP recommends a trial application to optimise the conditions for particular applications.

### TO (SUBSTRATES)

Include concrete, wall panels, timber, waterproofing membranes, glazed and unglazed ceramic tiles, aluminium, plastics, metal, glass, fibreglass and polystyrene foam.

### SUBSTRATE PREPARATION

In general, the substrate or joint must be clean, firm and free of dust, dirt, oil, grease, curing compounds, old adhesive residues, paints, coatings, bitumen, tar, release agents and other barrier materials.

For optimum performance, the substrate or joint can be slightly damp (no standing water). It is recommended that the backgrounds required drying time, (i.e. concrete) as given in the relevant materials.

### APPLICATION

Pierce the protective membrane, attach and trim nozzle to required size and place cartridge in applicator gun. When using DUNLOP BUTYNOL SEALANT at low temperatures, it is advisable to pre-warm the cartridge in warm water.

Do not apply DUNLOP BUTYNOL® SEALANT PLUS at temperatures below 5°C or above 35°C. Apply DUNLOP BUTYNOL® SEALANT PLUS in stripes to the substrate or to the item to be fixed. Press the items firmly together within 7-10 minutes after application (at a temperature of 20°C) and before skinning of the adhesive starts. If using the product for spot fixing repairs, ensure that the maximum distance between glue points is 25 to 30cm and observe the weight of the item being fixed. The drying time depends on the substrate, climatic conditions and the materials being fixed. Higher humidity will shorten the open time, while lower humidity will extend the open time. Close open cartridges and reuse as soon as possible. Note: Always remove a small layer of anyskinned adhesive before reusing. If in doubt about characteristics, carry out a trial application. Spillage can be removed when wet using a clean cloth, if the material has dried then scraping with a blade will be required.

**TOLL FREE HOTLINE**  
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## TECHNICAL DATA

**Material Base:** Silane Modified Polymer  
**Colour:** Black paste  
**S.G.** approx. 1.45kg/litre

### Application Properties at 23°C and 50% RH Application

**Temperature:** 5°C to 35°C  
**Skimming/**  
**Open Time:** approx. 7-10 minutes  
**Curing Time:** 3-4mm/24 hours  
**Shrinkage:** < 2%  
**Temperature** 29°C  
**Resistance:** -40°C to +90°C  
(short term of  
15-20 mins up to  
+200°C)

**Practical**  
**Expansion:** 25%  
**Material**  
**Requirement:** 30-40ml per metre  
**Hardness,**  
**Shore A:** approx. 43

### Mechanical Properties: AS 13007

**Shear Adhesion**  
**Strength:** >2 MPa  
**Tensile Adhesion**  
**Strength:** 1.0N/mm<sup>2</sup>

**Mechanical Properties:** AS 11600  
**Construction Sealant Compliance:** ISO  
11600 Type F, Class 25LM

## PACKAGING

DUNLOP BUTYNOL® SEALANT PLUS is packed in a PCR cartridge – 310mL net volume.

## SHELF LIFE

DUNLOP BUTYNOL® SEALANT PLUS can be stored up to 12 months when stored in the original, unopened packaging, in cool, dry frost free conditions.

## PAY ATTENTION TO THE FOLLOWING

DUNLOP BUTYNOL® SEALANT PLUS achieves a good bond underwater in fresh water environments. We recommend a trial application to ensure a good bond is achieved. The long-term stability when fixed underwater may vary depending on application. DUNLOP BUTYNOL® SEALANT PLUS can be over painted after drying with most commonly used paints; due to the vast range of paints and coatings on the market we recommend a small test area prior to proceeding. Do not use DUNLOP BUTYNOL® SEALANT PLUS for chemical resistant applications. Fixing onto fibreglass, with or without grinding the glaze, is recommended only for small repair applications.

## SAFETY PRECAUTIONS

Use in well ventilated areas. Avoid skin and eye contact. If uncured material makes contact with the eye, flush with clean water for 15 minutes and seek medical advice. In case of skin contact, first wipe the skin with a dry cloth then wash with soap and water. If respiratory discomfort is experienced, move to an area for fresh air. If swallowed, do not induce vomiting and seek medical advice. Keep out of reach of children and store away from foodstuffs. Wear protective gloves, clothing and eye protection. Avoid inhaling dust/fume/gas/mist/vapours/spray. Check with your local Council regarding the disposal of contents. Call the NZ National Poisons Centre on 0800 764 766. For further technical or health and safety information, please refer to the latest technical or Safety data sheet at [dunloptrade.co.nz](http://dunloptrade.co.nz).

## DISCLAIMER

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