

# BLOCKADE™

## Description

Selleys Blockade is a neutral cure multi-purpose solvent borne copolymer rubber based sealant offering good all round performance.

It is available in grey colour and cures to a flexible rubber with good adhesion to most building materials.

## Uses

Selleys Blockade is a general purpose sealant. It can be used on metals, most plastics, painted and unpainted timber, and masonry substrates. It can be used on many wet substrates. It can be used on metals even if they have an oily surface film typical on new metals; e.g. Zinalume® and galvanised iron.

Some applications include sealing or repairing roofs, awnings, skylights, ceramic tiles, gutters and downpipes, around window frames, plumbing entrances, vinyl or aluminium siding and roof flashings, sealing leaks in caravans and recreation vehicles, and waterproof bedding for glass when reglazing windows.



## Technical Features

- ▶ High performance copolymer rubber based for indoor and outdoor applications
- ▶ Universal sealant - adheres to most substrates
- ▶ Neutral cure - will not attack metal or concrete type substrates
- ▶ Adheres to many wet substrates, especially if pre-wiped with acetone
- ▶ Good working characteristics, easy to apply and tool
- ▶ Offers good weatherability and resistance to U.V. light
- ▶ Good slump resistance
- ▶ Good paintability - can be over painted immediately with oil based and water based paints. For best results it is recommended to first undercoat with a premium water based undercoat.
- ▶ Easy clean up with mineral turps

## Technical Details and Performance

Indicative information only, not to be used for setting specifications.

Appearance	▶	A light grey soft paste
Viscosity	▶	12,000 - 16,000 Poise @ 25°C
Extrudability	▶	153g/min. @ 25°C, 36g/min. @ 5°C, 276kPa pressure through 3mm diameter orifice (Semco cartridge)
Slump	▶	Non slump in normal applications
Skin Time	▶	3 mins. @ 25°C
Tack Free Time	▶	20 mins. @ 25°C 90 mins. @ 5°C
Specific Gravity	▶	1.26kg/Lt
Solids Content	▶	80% by weight 70% by volume
Cure	▶	Neutral, will not attack metal or concrete substrates
Dirt Pick Up	▶	Minimal once tack free
UV Stability	▶	Minor yellowing on surface after 2000 hours continuous exposure in a UV cabinet. Minor yellowing on surface after 700 hours (300 hours light time) of accelerated weathering in a QUV weatherometer.
Hardness	▶	45 (10 weeks cure @ 40°C Shore A instantaneous)
Paintability	▶ ▶	Water based paints, generally good but certain paints may require extra preparation Oil/Alkyd paints, generally good though some paints may take longer to dry unless first undercoated with a water based undercoat
Modulus @ 100% Extension		
(ASTM D412)	▶	176kPa (after 6 weeks cure at 40°C)
Ultimate Tensile Strength		
(ASTM D412)	▶	96kPa (after 6 weeks cure at 40°C)
Elongation at Break		
(ASTM D412)	▶	500%
Adhesion	▶	Satisfactory adhesion is achieved on copper, Zinalume®, galvanised iron, hot rolled iron, milled aluminium, anodised aluminium, bituminous flashing, PVC, glass, marble, terrazzo, brick, concrete, hoop pine wood, pine wood, jarrah wood and solid polystyrene
Service Temperature Range	▶	Suitable for use under normal temperatures reached on roofing materials in service
Application Temperature	▶	In very cold or very hot weather, Selleys Blockade should be conditioned to room temperature before use for best results

PRODUCT CODE	SIZE & PACK TYPE	COLOUR
9300697108753	360g cartridge	Grey

For additional information including Material Safety Data Sheets visit [www.selleys.com.au](http://www.selleys.com.au). To obtain more detailed technical, usage and safety information including Technical Data Sheets phone Selleys on 1300 555 205.

IF IT'S SELLEYS IT WORKS