

# Neutral Silicone Sealant (White, Black, Grey, Translucent)

## Description

Selleys Neutral Silicone Sealant is neutral cure oxime silicone sealant. It reacts with atmospheric moisture to produce a silicone rubber seal.

## Product Information

Packaging	Size
Cartridge	300mL - 310g

## Uses

Neutral Silicone Sealant is ideal for applications such as: weather sealing, baths, vanities, kitchen and shower screens or any area subject to hot, humid or wet conditions.

## Technical Features

- Excellent adhesion to most building substrates: glass, aluminium, galvanised steel, concrete, wood, ceramic tiles, baths, vanities, grout
- Fast curing
- Non-bubbling
- Joint movement capability of +/- 25%
- Low slump
- No metal corrosion
- Does not shrink when curing
- Resistant to mould growth
- Low odour
- Remains flexible
- Compliant with BS 5889:1889

## Technical Details

Property	Typical result
Appearance	Thixotropic paste
Colour	White, translucent, grey and black
Technology	Neutral cure, oxime. Moisture curing
Shelf Life	12 Months when stored unopened, in dry and cool conditions (below 30°C)
Application Temperature	5 to 35°C
Service Temperature	-60 to 150°C
Shore A Hardness (DIN 53505)	28 +/- 5
Joint Movement Capability (ISO 9047)	+/- 25%
Tensile Strength (DIN 53504)	2.0 MPa
Elongation at Break (DIN 53504)	>400%
Movement Capability (ISO9046 modified)	± 20%

Skin Time (23°C, 50% R.H.)	4 to 8 min
Specific Gravity	1.04
Cure rate (23°C, 50% R.H.)	Approx. 3 mm/24 hr
Sag/Slump	0mm
Indicative data only, not intended for preparation of specifications	
Compliant with BS 5889:1889 British Standard for One-Part gun grade Silicone based Sealants	

## Joint design

Joint widths should be between 6 and 40 mm.

$\frac{\text{width}}{\text{depth}} = 1$  For joints up to 13 mm, the ratio of width to depth should be 1:1.

$\frac{\text{width}}{\text{depth}} = 2$  For joints greater than 13 mm, the ratio of width to depth should be 2:1.

A tight fitting non-absorbent, non-adhering backing material should be used to ensure the correct dimensions and prevent three-surface adhesion. Suitable materials include open cell polyethylene foam backer rod or bond-breaking tape.

## Coverage

Joint Size (mm)	Metres per cartridge
6 x 6	7.9
8 x 8	4.5
10 x 10	2.9
12 x 12	2.0
15 x 7.5	2.5
20 x 10	1.4
30 x 15	0.6
40 x 20	0.4

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### How To Use

Surface Preparation: Ensure surfaces are clean and free of oil, grease or loose particles.

Porous surfaces should be prepared by grinding, brushing, wiping with a cloth or blowing off with oil-free compressed air. Any laitance should be removed from concrete-based surfaces.

Non-porous surfaces should be free of scale, rust or oxides. They can be degreased with a solvent such as MEK, acetone or mineral turpentine. Some degreasing solvents may leave a residue that should be removed.

To achieve neat joint use masking tape on both sides of the joint and remove tape before product skinning

Joint Design: Refer to below section.

Cartridge: Cut tip and attach nozzle. Insert into caulking gun. Cut nozzle to size required for joint.

Tooling: Use a soapy solution before skin formation.

### Clean Up

Uncured product can be removed with mineral turpentine. Cured product can be removed with Selleys Silicone Remover or by mechanical action.

### Limitations

Not for permanent water immersion or below water-line use  
Not suitable for use on polyethylene, polypropylene or Teflon.  
Cannot be painted over  
Not suitable for sealing fish tanks  
Not recommended for areas in direct contact with food, eating utensils and drinking water.  
For certain rubber product where bleeding of plasticiser may occur, check with Selleys customer service first  
Will yellow when exposed to darkness

### Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – [www.selleys.com](http://www.selleys.com)