

# Capability Statement 2022



**seal'em**

SOLUTIONS  
AUSTRALIA  
JOINT SEALING SPECIALISTS

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**SEAL'EM  
SOLUTIONS**

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# Intro

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## Who we are

Seal'em Solutions is Australia's leading Joint Sealing (Caulking) company, established for more than 20 years. We service more than 1,000 of the finest trades and builders throughout Australia. We set the benchmark in the industry for all types of Internal and External Joint Sealing applications are licenced in five categories: Building, Tiling and Flooring, Waterproofing, Fire Rated Penetration and Certification, and Joint Sealing.

As industry leaders, Seal'em Solutions' 40 sealers are certified and licensed to perform all types and levels of Joint Sealing workmanship to the highest required building standards, getting it right the first time, every time with new and existing structures. All work is meticulous, 100 percent guaranteed and backed by our extensive warranty on products and services.

Our caulkers are specialists in Joint Sealing that adds value and is never visually disruptive. Their eye for detail is second to none. Their work is neat, seamless and meticulous, which is what excellent sealing should be.

With Seal'em Solutions you get the benefit of extensive knowledge built over many years working on thousands of projects. Our:

- Specialist Applicators have a comprehensive understanding of the technical components of sealing, diving much deeper than the brief information provided on typical Technical Data Sheets relied on by many smaller and less experienced applicators.
- Quality Assurance team spot checks to ensure company standards are consistently met
- Production Team maps out projects and monitors progress, regularly communicating up-to-date job status information to clients.

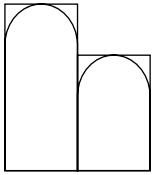
Our products, methodology, quality standards, expertise, experience and workmanship offer excellent value-for-money. Our customised solutions are designed around our belief that the one-size-fits-all approach of many other Joint Sealing companies doesn't produce the best results.

Our fully trained and licenced Caulkers, backed by years of experience, are efficient, methodical and accurate with installation techniques. They're also thorough working to detailed workflows, spending time cleaning and preparing substrates and using neutral tooling fluids to prevent unacceptable (and expensive to repair) bleeding, staining, uneven light reflection and corrosion.

Our size provides confidence. We're able to respond quickly and accurately to requests for quotes, begin projects on time, offer flexibility, and close a project off with high satisfaction levels. Many one-person operators or smaller companies may have to delay project starts because of other priorities. With 40 Caulkers on our team, you're guaranteed faster service than smaller operators can provide.

# Services

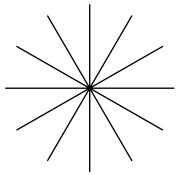
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## Multi Residential Projects

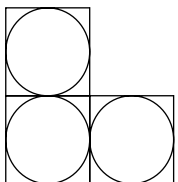
Multi Residential projects are the main focus of Seal'em Solutions, we hold the utmost confidence working on this type of service.

Within our modest years of trading, we have successfully worked on multiple apartment high-rise projects with a 100% completion rate. Our portfolio spans to over 1000 apartments throughout Southeast Queensland and New South Wales. We have the knowledge, experience and resources to get the job done, and we're happy to run clients through our capabilities and the management systems we utilize.



## Commercial Projects

We have successfully completed projects in the medical and education fields, the transport and hospitality industries, and serviced businesses such as shopping centers and fuel stations. Additionally, we have accounts and networks in place with all the generally known tile wholesalers. These experiences and resources have led Seal'em Solutions to deeply understand the process and requirements of working on the area of commercial projects. We also pride in being updated on the latest standards and products in the industry, which supports us in navigating the demanding challenges commercial projects carry.



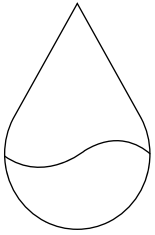
## Wall, floor and stone installation

Successfully completing a range of commercial and multi residential projects over the years, has given us the skills and resources to take on a large variety of projects. Our carefully developed internal systems effectively control QA and the flow of information from office to site. Each project location is overseen by an experienced construction manager, ensuring consistency and full time supervision. We have built a reputation of working in large teams and diligently completing tight time frames.



# Services

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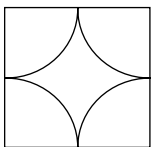


## Waterproofing

We're proud to provide complete waterproofing services, from wet areas and balconies to basements' shore walls. We use only the highest quality of materials to ensure wet area protection from dampness and water ingress, and are vigilant while carrying out our Quality Assurance checks.

We complement our service with this addition to save the builders management time and issues, as we operate the whole process.

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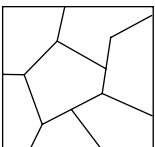


## Sealant and Adhesive Supply

Seal'em Solutions have built solid networks and relationships with local wholesalers. With only minimal mark-up to our clients, we are able to offer not only the convenience of supply but also highly competitive rates. In addition, our team takes on the work of doing the budget calculations for your project.

We have partnered with Simseal to ensure only premium grade silicones and adhesives are used on all our projects.

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## Fire Rated

Your first priority – whether with a commercial, industrial or residential project – is to take steps so a fire doesn't start. Prevention is key, especially since fires usually spread through small cracks or openings in the joints of buildings that haven't been properly sealed. Fire rated sealing can stop this, preventing fire from spreading from one room to another or from building to building.

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# HIGHLIGHTED PROJECTS



**SEAL'EM SOLUTIONS**

**JOINT SEALING**

# Upperhouse

Upper House stands proud as the tallest building in South Brisbane. Its dramatic architectural features are inspired by nature, creating an evocative design statement that incorporates dancing balconies, architectural ribbons and Australia's first double-story rooftop club. This space is your inner-city home to relax, work and play.

Seal'em Solutions worked on the development of this building by supplying joint sealing services throughout and finger mosaic in the wet areas to complement the curved walls. We have also been trusted with stone work for bathrooms and thresholds.



## SPECS

SIZE	188 APARTMENTS
DURATION	CURRENT
LOCATION	BRISBANE
SERVICES	FIRE RATED AND JOINT SEALING



# Fabric Apartments



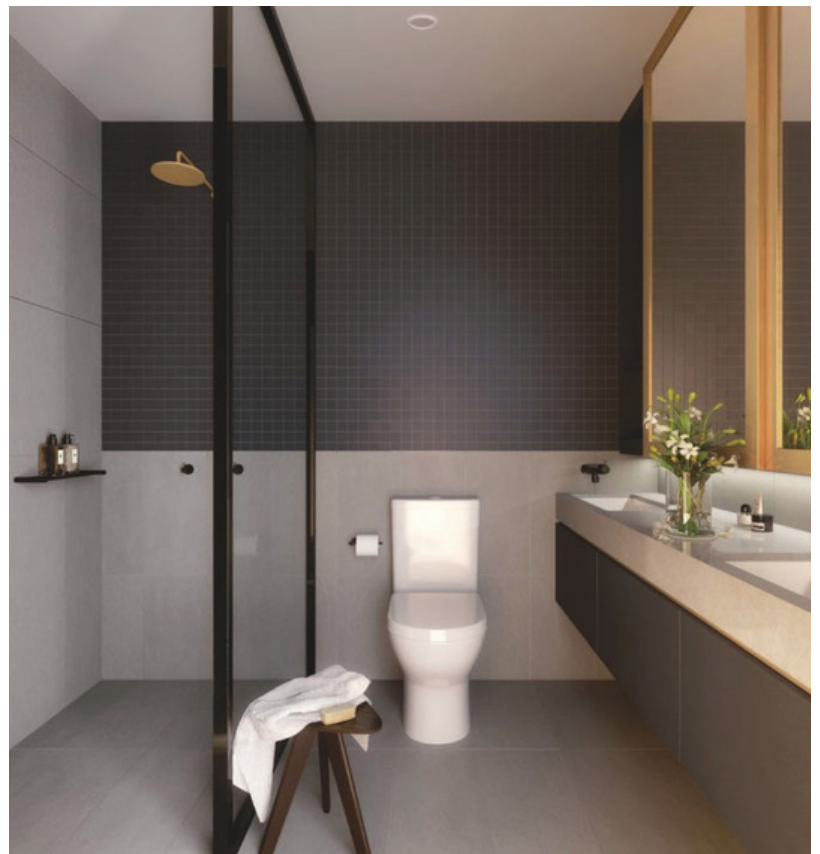
Fabric Apartments is a landmark development in the heart of Teneriffe. This 9 story residential and retail development has a clean, dark design and distinctive curved apex. The design inspiration for the building and its interiors comes from the immediate surroundings – the patchwork of neighbouring wool stores and warehouses, as well as the sleek city lofts of NYC and the form of its iconic Flatiron building.

The work of Seal'em Solutions on this fascinating building consisted of joint sealing and providing contemporary modern selections for the wet areas and balcony.

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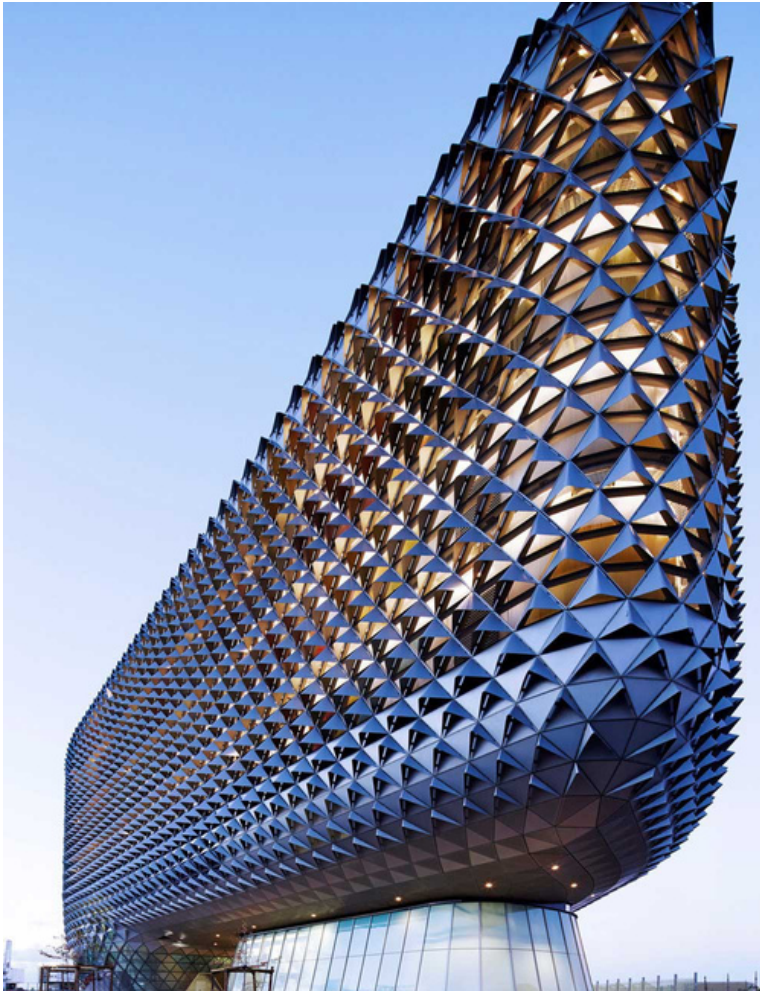
## SPECS

SIZE	14 APARTMENTS
DURATION	5 MONTHS
LOCATION	BRISBANE
SERVICES	FIRE RATED AND JOINT SEALING





# South Australian Health and Medical Research Centre



The South Australian Health and Medical Research Institute (SAHMRI) is South Australia's independent health and medical research institute, which was established to develop a centre of excellence in both Australia and internationally for the benefit of the community in undertaking, promoting and expanding research relating to human medicine and health, the social determinants of health and health service delivery. It was designed to facilitate the transfer and practical application of knowledge acquired from its research activities to improve the health and wellbeing of the community.

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## SPECS

SIZE	167 ROOMS
DURATION	CURRENT
LOCATION	ADELAIDE
SERVICES	FIRE RATED AND JOINT SEALING







# Obsidian Apartments

## SPECS

SIZE 14 APARTMENTS  
 DURATION 5 MONTHS  
 LOCATION BRISBANE  
 SERVICES FIRE RATED AND JOINT SEALING

Obsidian is positioned at the confluence of the historical and contemporary pulses of Brisbane. This boutique owner occupier building is a masterful reflection of the elements that keep the Teneriffe precinct pumping. Less than 3 km downstream from Brisbane's city heart, this area has for centuries been a melting pot and hive of activity.

Obsidian is a generously sized creation, set to become central to the rich tapestry of Brisbane's riverside community. This architectural piece of art is not only spacious, functional and friendly, but also a focal point for the next generation's experiences of inner-city living.



# Curve Apartments



Perfectly positioned on the edge of Lake Kawana, adjoining parkland, is 'Curve Birtinya'. A lifestyle development showcasing stunning water views, in the absolute heart of one of the Sunshine Coast's most exciting precincts. This premium, architectural beauty was designed to be spacious and airy, with a prized northerly aspect of the highest calibre.



## SPECS

SIZE	14 APARTMENTS
DURATION	5 MONTHS
LOCATION	BRISBANE
SERVICES	FIRE RATED AND JOINT SEALING



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# MULTI RESIDENTIAL PROJECTS



**SEAL'EM SOLUTIONS**

**JOINT SEALING**





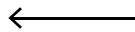
## Brick Lane On Florence

A mixed-use residential development

Size	16 Apartments
Duration	2 Months
Location	Brisbane
Services	Fire Rated and Joint Sealing



## 109 Terrace



6 Luxury award winning townhouses

Size	8 Apartments
Duration	2 Months
Location	Brisbane
Services	Fire Rated and Joint Sealing

## Commonwealth Games Village

The largest urban renewal project for the Gold Coast

Size	55 Townhouses
Duration	6 Weeks
Location	Gold Coast
Services	Fire Rated and Joint Sealing

## Park Edge

Apartment building Upper Mt Gravatt

Size	35 Townhouses
Duration	5 Months
Location	Brisbane
Services	Fire Rated and Joint Sealing

## Peninsular Drive

Luxury beachfront apartments on the Gold Coast waterways

Size	68 Units
Duration	5 Months
Location	Gold Coast
Services	Fire Rated and Joint Sealing

## Ceder Heights

Apartment building Upper Mt Gravatt

Size	97 Townhouses
Duration	12 Months
Location	Gold Coast
Services	Fire Rated and Joint Sealing



## Seashell Park Beach

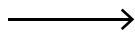
Luxury unit living in Coffs Harbour

Size	49 Apartments
Duration	8 Months
Location	Coffs Harbour
Services	Fire Rated and Joint Sealing



## Bellaire Apartments

A mixed-use residential development



Size	72 Apartments
Duration	5 Months
Location	Michelton, Brisbane
Services	Fire Rated and Joint Sealing

## 55 Lumley Street

Apartment building Upper Mt Gravatt

Size	55 Townhouses
Duration	6 Weeks
Location	Gold Coast
Services	Fire Rated and Joint Sealing

## Centrus Park

70 brand new 2 & 3 bedroom apartments

Size	72 Apartments
Duration	5 Months
Location	Brisbane
Services	Fire Rated and Joint Sealing



## South City Square

Brisbane's new lifestyle destination

Size	88 Apartments
Duration	3 Months
Location	Brisbane
Services	Fire Rated and Joint Sealing

## Palm Views

Luxury 4 bedroom townhouses

Size	188 Townhouses
Duration	Current
Location	Brisbane
Services	Fire Rated and Joint Sealing

## Holiday Inn Express

The newest hospitality offering in Maroochydore

Size	167 Rooms
Duration	Current
Location	Sunshine Coast
Services	Fire Rated and Joint Sealing

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# COMMERCIAL PROJECTS







## University of Queensland Student Residences

Student Accommodation and Learning Facility

Size	620 Apartments
Duration	2 Months
Location	St Lucia
Services	Fire Rated and Joint Sealing

## Sunshine Coast City Hall

Council Administration, Commercial and Retail



Size	Public Amenities
Duration	3 Months
Location	Maroochydore
Services	Fire Rated and Joint Sealing

## Qube Resort Apartments

Rising 40 levels, on the corner of Queensland and Jubilee Avenues, Qube is set to create a new destination precinct for Broadbeach.

Size	All 40 Levels
Duration	5 Weeks
Location	Broadbeach
Services	Fire Rated and Joint Sealing



# UQ University

Brisbane University

Size	Public Amenities
Duration	1 Month
Location	Brisbane
Services	Fire Rated and Joint Sealing

# BP/Carls Jnr Molendinar

The busiest and largest regional airport in New South Wales

Size	2500m2
Duration	2 Weeks
Location	Coffs Harbour
Services	Joint Sealing



# Palmer House

Size	2500m2
Duration	2 Weeks
Location	Coffs Harbour
Services	Fire Rated and Joint Sealing

# Mets Surf Club

Size	2500m2
Duration	2 Weeks
Location	Coffs Harbour
Services	Fire Rated and Joint Sealing

# West End Police Station

Major public transport interchange

Size	167 Rooms
Duration	Current
Location	Sunshine Coast
Services	Fire Rated and Joint Sealing

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# RESIDENTIAL PROJECTS





## Beachcrest Road

Grand three story residence.

Size	Wet Areas, Pool
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Duration	2 Weeks
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Location	Wellington Point
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Services	Joint Sealing
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## Castile Street

Three level dwelling that was built to suit the slope of the land

Size	Internal, Wet Areas
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Duration	1 Week
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Location	Gold Coast
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Services	Joint Sealing
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## Mcilwraith Avenue

Architecturally designed corner block with impressive street appeal.

Size	Internal, External, Wet Areas
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Duration	1 Week
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Location	Norman Park
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Services	Joint Sealing
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# Coolum

Size	Internal, External, Wet Areas
Duration	1 Week
Location	Norman Park
Services	Joint Sealing



# Northgate

Size	Internal, Wet Areas, External
Duration	2 Weeks
Location	Northgate
Services	Joint Sealing



# Ashgrove

Size	Wet Areas, Pool
Duration	1 Week
Location	Ashgrove
Services	Joint Sealing

# FIRE RATED

Our professional certified licensed Caulkers apply to fire-rated standards, which protects against liability, loss of property and even death. Not all Caulkers can make the same claim. If incorrectly installed, safety of those inside a building can be severely compromised. Our installation allows occupants to safely leave within two hours before seals break open in flames.

Fire sealing is essential for safeguarding property and saving lives. Fire and smoke can cause irreparable damage or cost you thousands on repairs and loss of use while a property is being fixed.

## Benefits:

- Prevents Injury
- Prevents Fire and Smoke
- Saves You Time And Money On Repairing Fire And Smoke Damage
- Protects Your Neighbouring Property
- Adds Value To Your Property

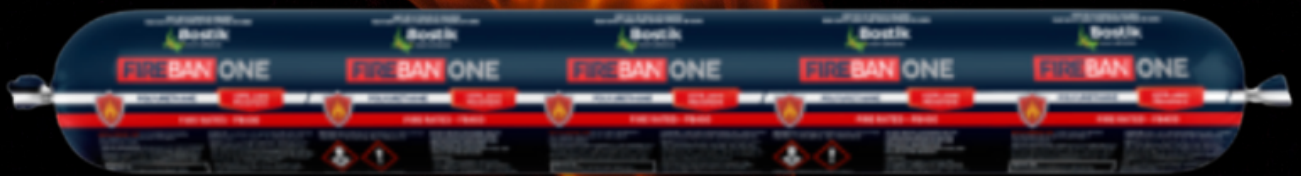




# BOSTIK FIREBAN ONE

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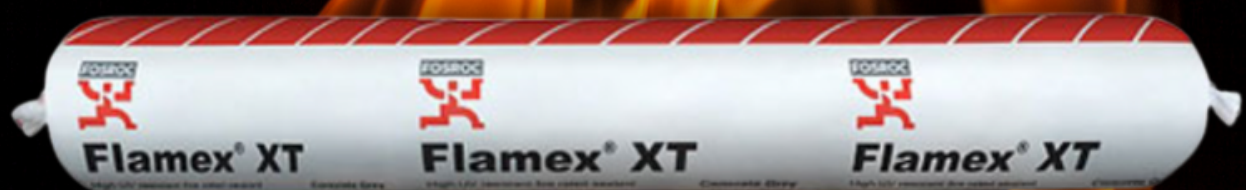
Bostik Fireban® One is a fire rated intumescent, low modulus, one component, Class A polyurethane sealant. When cured it will form a tough, flexible fire rated seal capable of cyclic expansion and compression movement of 50% ( $\pm 25\%$ ) of the original installed joint width.



# FOSROC FLAMEX XT

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Flamex XT is a high performance fire and acoustic rated elastomeric joint sealant based on Silyl Modified Polymers. Flamex XT offers the weathering and adhesion performance of a silicone sealant together with the toughness and the stainfree properties of a polyurethane sealant.





# SIMSEAL

*think SILICONE, think SIMSEAL*

## OUR PRODUCTS

At Seal'Em Solutions we use only premium grade sealants and adhesives on all our projects. We have partnered with Simseal to ensure we provide all our clients with quality that will last. Simseal is an Australian owned company with an extensive product range and one of the largest colour palettes available, perfect to suit any job large or small.



### Colour Chart - Simseal SS100 Neutral Sanitary Sealant



## SS100 100% NEUTRAL SANITARY SEALANT



### Description

**SS100 100% Neutral Sanitary Sealant** is a one part, 100% oxime, neutral curing adhesive / sealant containing anti-fungicide to prevent mould growth. It resists mildew when exposed to prolonged hot and humid environments and is suitable for sealing in kitchens, vanities, bathrooms, shower screens and any other wet area applications.

### Key performance Properties

- Non Slump
- Mildew Resistant
- One Part Ready To Use
- Outstanding Weatherability
- Excellent Adhesion
- Excellent Uv Resistance
- 5 Star Voc Compliant

### Applications

**SS100 100% Neutral Sanitary Sealant** has excellent adhesion to glass, ceramics, aluminium, masonry, stone, concrete, most metals and many plastics. It may be used for general glazing and weatherproofing applications including wet areas and humid environments.

### Specifications

Typical data values should not be used as specifications. Please contact Simseal for further information. A thin bead of sealant will tolerate more movement than a thick bead. Joint width and depth should be no less than 4 mm. Maximum joint widths should not exceed 25mm. Joint depths should be half the width, with a maximum depth of 10mm. Polyethylene closed cell foam rod is the recommend backing material to provide the correct depth of joint. If the joint is too shallow, use a polyethylene tape bond breaker. Do not allow the silicone sealant to contact the back of the joint or any staining materials.

Property	Value
Cure Method	Neutral (Oxime)
Sag/Slump	NON SLUMP (0.1% max)
Hardness (ASTM D2240)	28 Shore A
Tensile Strength	1.7 MPa
Dynamic Joint Movement	±25%
Skin Time	5-10 min
Cure Time	5-7 Days
Operating Temperature	-62°C to 180°C
Specific Gravity	1.03

## GLAZE 100 100% NEUTRAL GLAZING SEALANT



### Description

Simseal GLAZE 100 Silicone Sealant is a 1 part 100% oxime, neutral curing adhesive/sealant. It is an easy to use silicone designed for general purpose glazing and sealing applications where long term reliability is required. Weathering and UV resistance is excellent. It is unaffected by high and low temperatures and its superior physical properties are retained after many years of exposure.

### Key performance Properties

- Non Slump
- One Part Ready To Use
- Outstanding Weatherability
- Excellent Adhesion
- Excellent Uv Resistance
- 5 Star Voc Compliant

### Applications

Simseal GLAZE 100 Silicone Sealant has excellent adhesion to glass, ceramics, aluminium, GRP, granite, concrete, galvanised steel, and many plastics. It can be used for standard glazing of frames panels and shop fronts. Sealing environmental and refrigerated rooms, sheet metal, skylights, ventilators, and air-conditioning units. Assembly of metal/plastic signs. Weather proofing, and many other general glazing applications.

### Specifications

Typical data values should not be used as specifications. Please contact Sealants Australasia for further information. A thin bead of sealant will tolerate more movement than a thick bead. Joint width and depth should be no less than 4 mm. Maximum joint widths should not exceed 25mm. Joint depths should be half the width, with a maximum depth of 10mm. Polyethylene closed cell foam rod is the recommend backing material to provide the correct depth of joint. If the joint is too shallow, use a polyethylene tape bond breaker. Do not allow the silicone sealant to contact the back of the joint or any staining materials.

Property	Value
Cure Method	Neutral (Oxime)
Sag/Slump	NON SLUMP (0.1%)
Hardness (ASTM D2240)	28 Shore A
Tensile Strength	1.7 MPa
Dynamic Joint Movement	±25%
Skin Time	5-10 min
Cure Time	5-7 Days
Operating Temperature	-62°C to 180°C
Specific Gravity	1.04



## SIM-FLEX FACADE ADVANCED MS HYBRID POLYMER SEALANT



### Description

**Simseal Sim-Flex Facade** is a high performance sealant based on advanced MS Polymer technology. It has excellent UV and weathering properties and features a matte finish. The static charge of this sealant is low, hence it attracts less dust particles and reduces dirt streaking issues on façade cladding. This elastomeric sealant is permanently elastic upon curing and has a movement capability of  $\pm 50\%$ .

### Key performance Properties

- Excellent UV resistance
- Ideal for composite panels
- Silicone oil-free – Non-staining on adjacent substrates
- ASTM C920 (Class 50) compliant
- Paintable
- Low static charge
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most surfaces
- Matte finish

### Applications

**Simseal Sim-Flex Facade** is recommended for sealing concrete joints like wall panel joints, expansion joints, control joints, etc. Facade cladding designed with metal panels or natural stones can be sealed with this product too. Other recommended applications include sealing of anodized aluminium, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

### Specifications

Typical data values should not be used as specifications. Please contact Simseal Australia for further information. A thin bead of sealant will tolerate more movement than a thick bead. Joint width and depth should be no less than 6 mm. Maximum joint widths should not exceed 35mm. Joint depths should be half the width, with a maximum depth of 12mm.

Property	Value
Cure Method	Moisture curing
Elongation at break (ASTM D412)	530%
Hardness (ASTM D412)	27 Shore A
Tensile Strength	1.0 N/mm <sup>2</sup>
Dynamic Joint Movement	$\pm 50\%$
Skin Time	20–40 min
Application Temperature	5°C to 40°C
Operating Temperature	-30°C to 90°C
Specific Gravity	1.53g/mL

## SIM-FLEX 25 MS HYBRID POLYMER SEALANT



### Description

Simseal Sim-Flex 25 Sealant is a general-purpose sealant based on advanced MS Polymer technology. It is a single-component elastomeric sealant with excellent adhesion property on various substrates like concrete. After curing, the sealant is permanently elastic and has a movement capability of  $\pm 50\%$ .

It is able to comply with the stringent requirements of ASTM C920 as well as the SCAQMD rule #1168 (Architectural Sealant) for low VOC. Unlike polyurethane sealants, Sim-Flex 25 is solvent-less and isocyanate-free; ensuring that the cured sealant will not shrink or have bubbling issues. It is also free of silicone oil, minimising building aesthetic issues caused by oil-staining and dirt-streaking problems often associated with silicone sealants.

### Key performance Properties

- ASTM C920 (Class 50) compliant
- ISO 11600 (F Class 25 LM) compliant
- Better weathering resistance than PU sealants
- Paintable
- Solvent-free – No shrinkage
- Low static charge – Less dirt streaking
- Silicone oil-free – Non-staining on adjacent substrates
- Isocyanate-free – No air bubbling
- Primerless bonding to most surfaces

### Applications

Recommended for sealing concrete joints like precast wall panel joints, expansion joints, control joints, connection joints, etc. It is also ideal for window frame perimeter sealing especially when the sealant needs to be painted. Other recommended applications include sealing of GRC panel systems, anodized aluminium, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

**WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS**

Property	Value
Cure Method	Moisture Curing
Sag/Slump	Non Sagging
Hardness (ASTM D2240)	33 Shore A
Tensile Strength	No Failure
Dynamic Joint Movement	$\pm 50\%$
Skin Time	20 – 60 min
Cure Time	7 Days
Operating Temperature	20°C to 90°C

## GAP-FILL 100% PAINTABLE ACRYLIC SEALANT



### Description

Simseal GAP-FILL Acrylic Sealant is a flexible, one part, water based acrylic latex caulk for interior and exterior gaps and joints.

### Key performance Properties

- One Part Ready To Use
- Paintable
- Water based / water clean-up
- 5 Star Voc Compliant

### Applications

Simseal GAP-FILL Acrylic Sealant displays excellent adhesion to concrete, masonry, wood, brick, plasterboard and interior cornices. Gap-Fill is ideal for sealing interior and exterior wall joints not subjected to significant joint movement or pooling of water.

### Specifications

Typical data values should not be used as specifications. Please contact Simesal for further information.

Property	Value
Colour	White
Specific Gravity	1.65 g/ml
Solids	85%
Application Temperature	5-40 °C
Shore A Hardness	40
100% Modulus	0.7 Mpa
Elongation At Break	200%
Skin Time -20°C/55%Rh	5 Minutes
Joint Movement Capability	±7.5%



## ROOF & GUTTER 100% NEUTRAL SILICONE SEALANT



### Description

**Simseal Roof & Gutter Silicone Sealant** is a neutral cure silicone sealant with excellent resistance to weathering, UV radiation, vibration, moisture, ozone, temperature extremes, airborne pollutants, and many cleaning detergents and solvents. It is a single-component elastomeric sealant that is permanently elastic upon curing.

### Key performance Properties

- Silicone Sealant (Neutral Cure)
- Low VOC compliant
- Excellent adhesion
- Permanently flexible
- Excellent weather resistance
- Indoor and outdoor use

### Applications

**Simseal Roof & Gutter Silicone Sealant** is well-suited for sealing metal lap joints in roofing, guttering and cladding applications. It will bond to form a strong weatherproof seal on most common building materials such as aluminium, galvanized and zinc-coated steel, painted surfaces, glass, brick, and concrete.

### Specifications

Typical product data should not be used as specifications. Product specification sheets are available upon request from Simseal Pty Ltd.

Property	Value
Cure Method	Neutral (Oxime)
Sag/Slump	<1mm
Hardness (ASTM C661)	23 Shore A
Maximum Tensile Strength	1.3N/mm <sup>2</sup>
Dynamic Joint Movement	±25%
Operating Temperature	Up to 150 °C
Skin Form Time	10 – 30 minutes (at 25 °C & 50% R.H.)
Specific Gravity	0.99 g/mL

## WS100 100% NEUTRAL WEATHER PROOFING SEALANT



### Description

**Simseal WS100 Weather Proofing Sealant** is a one-component, high performance, 100% neutral cure silicone sealant. It gives superior adhesion and durability in a wide range of glazing, weather sealing and other applications. It has excellent resistance to weathering, vibration, temperature extremes, etc.

### Key performance Properties

- 100% neutral silicone
- APEO-, formaldehyde- and phthalate- free
- Weather Proof Seal
- Indoor & Outdoor Use
- ASTM C920 compliant
- Permanently Flexible
- Matte Finish

### Applications

**Simseal WS100 Weather Proofing Sealant** is a strong weatherproof seal on most common building materials such as aluminium, galvanized and zinc-coated steel, painted surfaces, glass, brick and concrete. Not to be used for structural glazing applications.

### Specifications

The specified sealant bead size should be calculated to comply with the compression and extension capabilities of the sealant in relation to the anticipated joint width due to expansion and contraction. Generally calculation of the width sealant bead should be computed on the basis of a maximum  $\pm 25\%$  movement capability. Minimum joint depth should not be less than 6 mm to accommodate movement. Sealant design joint width-to-depth ratio should be 2:1.

Property	Value
Cure Method	Moisture Curing, Neutral
Sag/Slump	<1 mm
Tensile Strength	1.3 N/mm <sup>2</sup>
Dynamic Joint Movement	$\pm 50\%$
Skin Time	10-30 min
Cure Time	5-7 Days
Operating Temperature	-20°C to 50°C
Specific Gravity	1.33 g/mL

## CLAD SEAL 100% NEUTRAL WEATHERING SEALANT



### Description

**Simseal Clad Seal 100% Neutral Weathering Sealant** is a one-component, high performance, 100% neutral cure silicone sealant. It gives superior adhesion and durability in a wide range of glazing, weather sealing and other applications. It has excellent resistance to weathering, vibration, temperature extremes, etc.

### Key performance Properties

- 100% neutral silicone
- APEO-, formaldehyde- and phthalate- free
- Weather Proof Seal
- Indoor & Outdoor Use
- ASTM C920 compliant
- Permanently Flexible
- Matte Finish

### Applications

**Simseal Clad Seal 100% Neutral Weathering Sealant** is a strong weatherproof seal on most common building materials such as aluminium, galvanized and zinc-coated steel, painted surfaces, glass, brick and concrete. Not to be used for structural glazing applications.

### Specifications

The specified sealant bead size should be calculated to comply with the compression and extension capabilities of the sealant in relation to the anticipated joint width due to expansion and contraction. Generally calculation of the width sealant bead should be computed on the basis of a maximum  $\pm 25\%$  movement capability. Minimum joint depth should not be less than 6 mm to accommodate movement. Sealant design joint width-to-depth ratio should be 2:1.

Property	Value
Cure Method	Moisture Curing, Neutral
Sag/Slump	<1 mm
Tensile Strength	1.3 N/mm <sup>2</sup>
Dynamic Joint Movement	$\pm 50\%$
Skin Time	10-30 min
Cure Time	5-7 Days
Operating Temperature	-20°C to 50°C
Specific Gravity	1.33 g/mL