



# CONSTRUCTION adhesives & sealants

## PRODUCT CATALOGUE



## CONSTRUCTION ADHESIVES

Bostik has a **smart solution** for all your construction adhesive requirements including:

- Wallboard and construction adhesives
- Joint adhesives
- Flooring adhesives
- Solvent-free / Low VOC applications

### SOLVENT-BASED ADHESIVE

#### Wallboard Gold The original high-strength stud & wallboard construction adhesive

BRANZ Appraised, solvent-based, flexible, high strength, easy to use, gap-filling adhesive. Designed for adhering to a wide variety of wallboards and panels, and for multiple fixing jobs both indoors and outdoors. Excellent weather resistance. Suitable for LOSP and CCA treated timber. Made in NZ. Available in cartridge and sausage.



Key features	Recommended uses
<ul style="list-style-type: none"> <li>• The original – over 50 years tried and proven</li> <li>• Solvent-based</li> <li>• Non-slump, non-drip, with very good initial tack – ideal for ceiling applications</li> <li>• Guns quickly and easily</li> <li>• Excellent weather resistance and flexibility on ageing</li> <li>• Excellent stability in the presence of preservative chemicals in the timber</li> <li>• Meets or exceeds AS/NZS 2753</li> <li>• The only grab adhesive with a 40-year BRANZ opinion (Durability Opinion 96/22)</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• For fixing wallboard and floor panels directly to joists, framing to joists, concrete, plaster, steel, aluminium etc., for interior and exterior applications</li> <li>• Adheres a wide variety of wallboards and panels, including plasterboards, plywood, acoustic tiles, architraves and mouldings</li> <li>• Suitable for LOSP and CCA timber</li> </ul>

### WATER-BASED ADHESIVE

#### Gold Ultra Water-based, general purpose construction adhesive

Premium water-based, high-bond strength construction adhesive. Very fast curing – twice the strength of common market alternatives after a few hours. Designed for fixing wall and floor panels, and bonding to a wide range of substrates including timber, metal, gypsum, masonry, ceramic, Formica, polystyrene, mirrors and most other construction material, as long as one substrate is porous. Made in NZ. Available in cartridge and sausage.



Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Ultra-low odour, ultra low VOC, Non-toxic – ideal for green builds</li> <li>• Ultra strong bond, ultra-fast cure</li> <li>• Non-slump, non-drip – ideal for ceiling applications</li> <li>• Guns quickly and easily, and remains flexible</li> <li>• Maximises adhesion on difficult surfaces such as treated or greasy timber (such as H2 LOSP treatments)</li> <li>• Safe for mirrors, polystyrene and other solvent-sensitive substrates</li> <li>• Conforms to AS/NZS 2753-1985</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Vertical, horizontal and overhead applications</li> <li>• Fixing plasterboard to steel or timber studs and frames (in conjunction with nails and screws)</li> <li>• Bonding timber floors to timber to eliminate squeaking</li> <li>• Bonding timber to concrete or metal or brickwork</li> <li>• Bonding chipboard, plywood, Hardie-Flex sheeting to joints or solid floors/ walls</li> <li>• Fixing ceramic tiles to wood or plywood</li> <li>• Fixing mirrors to timber</li> <li>• Plastic foams (polystyrene or polyurethane)</li> </ul>

### PU ADHESIVE

#### Alpha Grip 1 hour cure foaming PU construction adhesive

Solvent-free, thixotropic, quick setting, moisture cured D4 polyurethane adhesive. Alpha Grip is stronger than wood after one hour – when fully cured has an extremely strong bond with excellent resistance to water, weathering, ageing conditions. Foams slightly to fill gaps and cracks. Tested and approved for use with Laminex Strandfloor. Available in cartridge only.



Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Certified to EN204 D4</li> <li>• Very high bond strength</li> <li>• Non flammable</li> <li>• Solvent free</li> <li>• One hour set</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Flooring and general construction</li> <li>• For bonding porous to porous and porous to non-porous substrates such as wood, plasterboard, fibrous cement, metal, EPS foam, concrete, brick, melamine, various plastics (testing is recommended) and many other common substrates providing one or both of the surfaces contain moisture</li> </ul>



## MS-BASED ADHESIVES



### MS Safe Fix Solvent-free, high performance MS construction adhesive.

BRANZ appraised, multi-purpose, heavy duty, MS-based adhesive for construction & building. Elastically seals most building materials and surfaces. Green Star compliant. Exceptionally high initial grab. Available in cartridge only.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• BRANZ appraisal 662 for structural loads and durability</li> <li>• Ideal for green buildings – Low VOC, odour-free, solvent, silicone and isocyanate-free</li> <li>• Exceptionally high initial grab – ideal when using no mechanical fasteners (check with Bostik Technical)</li> <li>• Adheres to most common building substrates, polystyrene safe</li> <li>• Easy, low temperature gunning</li> <li>• Highly flexible, paintable, very low shrinkage, non-slump</li> <li>• Interior/Exterior – all weather, UV resistant</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• General construction adhesive</li> <li>• For fixing wall panels, floors, and door frames to most common building substrates</li> <li>• For adhering solvent sensitive substrates (such as mirrors and polystyrene)</li> <li>• Elastically bonding different materials with each other</li> <li>• Bonding granite, marble and tiles</li> <li>• Bonding skirting of many different types</li> </ul>



### Simson Panel Tack HM solvent-free, high modulus panel adhesive

High modulus, moisture-curing, MS-based, elastic panel adhesive. Bonds exterior flat façade panels such as fibre cement cladding panels and durable plywood panels. Available in cartridge and sausage.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Solvent- and isocyanate-free</li> <li>• Excellent mechanical strength, with simple and fast fixation</li> <li>• Long term, high elasticity with optimum distribution of strain</li> <li>• Good moisture and weather resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Interior and exterior applications</li> <li>• Mounting of exterior façade panels used for exterior wall cladding, roof trims, parapets, etc.</li> </ul>



## CONSTRUCTION SEALANTS

Bostik has a **smart solution** for all your construction sealant requirements including:

- Pre-cast and tilt-slab joint sealing
- Fire-rated and acoustic penetrations
- Solvent-free / Low VOC applications
- Construction joints
- Seismic movement joints

### PU / JOINT SEALANTS

#### Seal "N" Flex 1 Polyurethane construction joint adhesive/sealant

Low modulus, Class-A polyurethane sealant. When cured, forms a tough, flexible seal and bond capable of cyclic expansion and compression movement of up to 100% (+ 50%) of the original installed joint width. Paintable, acoustic rated and durable to harsh weather conditions. Specified adhesive / sealant for James Hardie Systems. Available in cartridge and sausage in white, grey and black. Additional colours available in batch quantities.



Key features	Recommended uses
<ul style="list-style-type: none"> <li>• CSIRO RILEM LONG-TERM SEALANT DURABILITY STUDY DBCE Doc. 97/196M</li> <li>• ISO 11600 – Class F-25LM</li> <li>• Water potable to AS4020</li> <li>• Fungal resistant to AS1157-1972</li> <li>• NZ Food Safety Authority – Approved Maintenance Compound (Non-Dairy)</li> <li>• DIN 18540 and SNJF – low modulus external joint sealant</li> <li>• ASTM C920.87 and 98 as Type S, Grade NS, Class 25, use NT, G, A, M and O as external joint sealant</li> <li>• Acoustic rating</li> <li>• Low modulus 100% (+/- 50%)</li> <li>• Resists dilute acids, alkalis and some solvents</li> <li>• Unaffected by normal weathering conditions</li> <li>• Excellent durability – retains original properties even after years of weather and UV exposure</li> <li>• Paintable (refer to TDS), non staining</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Interior and exterior movement joints</li> <li>• Heavy commercial applications</li> <li>• Door and window framing</li> <li>• Fibre cement sheets</li> <li>• Precast and tilt up panels</li> <li>• Insitu concrete and render</li> <li>• Brick and blockwork</li> <li>• Granite, sandstone and marble</li> <li>• GRC, fibreglass and most speciality panel systems</li> <li>• Plasterboard face and paper lined recessed edges</li> <li>• Aluminium windows</li> <li>• Primers: N40 Primer for non-porous and metal substrates, N49 for porous substrates</li> </ul>

#### Seal "N" Flex FC Fast cure, polyurethane construction joint adhesive/sealant

Trafficable medium/high modulus, Class-A polyurethane sealant. Suitable for vehicle and pedestrian traffic areas, and chemical areas. High performance, high bond strength and fast cure. When cured, forms a tough and permanently elastic seal capable of cyclic expansion and compression movement of up to 50% (+/- 25%) of original joint width. Paintable, and durable to harsh weather conditions. Specified adhesive / sealant for James Hardie Systems. Available in cartridge and sausage in white, grey and black.



Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Trafficable on floor joints, stairs, roads, runways, aprons and pavements</li> <li>• Fast tack free time and cure rate</li> <li>• High movement accommodation (+/- 25%) ASTM C719</li> <li>• Tested in accordance with international standards ISO, AS, ASTM, BS</li> <li>• Water potable to AS4020, fungal resistant to AS1157.2</li> <li>• Unaffected by normal weathering conditions</li> <li>• Excellent age, hydrolysis and chemical resistance</li> <li>• Excellent adhesion to most materials including metals, concrete, brick, wood, plasterboard and GRC &amp; CFC</li> <li>• Sandable and paintable (refer paintability section)</li> <li>• Non-slump, and non-staining to porous substrates</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Interior and exterior movement joints</li> <li>• Building and construction applications – common building substrates</li> <li>• Heavy commercial applications</li> <li>• Expansion joints</li> <li>• Door and window framing</li> <li>• Trafficable areas</li> <li>• Floor joints, and concrete joints in airport runways.</li> <li>• Fibre cement board, tilt slab</li> <li>• Curtain walls and service penetrations</li> <li>• Block work, concrete</li> <li>• Most façade and cladding panels</li> <li>• Potable water tanks</li> <li>• Granite, sandstone, marble</li> <li>• GRC and CFC</li> <li>• Fibreglass, plasterboard</li> <li>• Brick, metal, wood</li> <li>• Primers: N40 Primer for non-porous and metal substrates, N49 for porous substrates.</li> </ul>



### Seal “N” Flex PR Pick-resistant, polyurethane construction joint adhesive/sealant

Pick resistant, high modulus Class-A polyurethane sealant, for external and internal sealing of joints, gaps and corners that are subject to potential physical damage and abrasion, and trafficable joint sealing applications. When cured, forms a tough and permanently elastic seal. Paintable, sandable, and durable to harsh weather conditions. Available in sausage in Limestone. Special colours can be made to order in batch quantities.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• CSIRO RILEM LONG-TERM SEALANT DURABILITY STUDY DBCE Doc. 97/196M</li> <li>• Water potable to AS4020-1994, mould and fungal resistant to AS1157-10</li> <li>• Fast tack free time and cure rate</li> <li>• Excellent resistance against chemicals, hydrolysis and ageing</li> <li>• Excellent adhesion to most building materials including metals, glass, concrete, brick, wood, plasterboard and GRC</li> <li>• Sandable and paintable (refer to TDS)</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Interior and exterior movement wall and floor joints, corners and gaps subject to potential physical damage and abrasion</li> <li>• For joint sealing applications in prisons, schools, hospitals, sports stadiums, public amenities and building structures requiring maximum pick and damage resistance</li> <li>• Seals kitchen areas and splash backs, precast panels, window frame perimeter and wet areas</li> <li>• Vertical and horizontal (trafficable) joint sealing applications</li> <li>• Vehicle areas and service stations, storage and bunded areas requiring high chemical resistance</li> <li>• Primers: N40 Primer for non-porous and metal substrates, N49 for porous substrates</li> </ul>

## MS-BASED SEALANT



### MS Safe Seal Solvent-free, high performance MS construction sealant.

BRANZ appraised, multi-purpose, heavy duty, MS-based sealant for construction & building. Highly elastic and flexible. Green Star compliant – low VOC, odour-free, isocyanate-free and solvent free. Adheres to most common building substrates. Fully paintable. Available in cartridge and sausage in white, grey and black.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Meets NZBC E2/AS1</li> <li>• BRANZ appraised: Appraisal No.705 (2010)</li> <li>• ISO 11600-F-25LM compliant</li> <li>• Fully paintable to DIN 52452, PT4</li> <li>• Ideal for green buildings</li> <li>• Suitable for LOSP</li> <li>• Non slump</li> <li>• Easy to gun and tool</li> <li>• Total movement 50%(± 25%)</li> <li>• Very low shrinkage</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Sealing of building and expansion joints</li> <li>• Sealing in general construction</li> <li>• Sealing most building materials</li> <li>• Sealing tilt slabs</li> <li>• Sealing air seals</li> <li>• Not designed to seal immersed joints or below-waterline applications</li> <li>• Primer: Prep M for non-porous and metal substrates, Prep P for porous substrates</li> </ul>





## SILICONE SEALANTS



### Kitchen & Bathroom Silicone Mould-resistant, premium 100% silicone sealant

Neutral cure silicone sealant that provides a permanently flexible waterproof seal. Seals joints in wet and damp areas where resistance to the growth of mould and fungus is important. Available in cartridge in white and translucent.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Neutral cure – non-corrosive</li> <li>• Waterproof</li> <li>• Mould resistant</li> <li>• Good adhesion</li> <li>• Stays permanently flexible</li> </ul>	<ul style="list-style-type: none"> <li>• Kitchen and bathroom fixtures</li> <li>• Glass, fibreglass, ceramic tile grouting</li> <li>• Vitreous enamel and most laminated surfaces</li> </ul>



### Roof & Gutter Silicone Weatherproof, premium 100% silicone sealant

Waterproof, weatherproof, permanently flexible neutral cure sealant. Excellent adhesion to common construction materials and metals. Will not corrode bare metal. Available in cartridge in translucent.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Neutral cure – non-corrosive</li> <li>• Excellent adhesion</li> <li>• Stays permanently flexible – joint movement capability of <math>\pm 25\%</math></li> <li>• Interior/exterior</li> <li>• Excellent UV and weather resistance</li> <li>• Low odour – ideal for green builds</li> </ul>	<ul style="list-style-type: none"> <li>• Indoor and outdoor application</li> <li>• Metal roofing systems</li> <li>• Metal water tanks (not immersion)</li> <li>• Spouting, flashings and down pipes</li> <li>• Lap joints in Zinalume®, Colorbond® and other decorative sheet metal</li> <li>• Skylights</li> <li>• Metal and PVC flues/extraction units</li> <li>• Air conditioning ducting</li> <li>• Sheet metal fabrication</li> <li>• Pipe or sprinkler system penetrations and plumbing applications</li> </ul>

## GLAZING SEALANT



### Bostik V60 Structural Silicone Glazing silicone sealant

Premium grade, neutral cure glazing weatherproofing silicone sealant. Superior adhesion to aluminium and glass has made Bostik V60 a market leader in the glass market for 15 years. It has UV and weather stability, maintaining a reliable, flexible and durable elastomeric sealant by absorbing atmospheric moisture as it cures. Suitable for all types of glazing and waterproofing. Available in cartridge in transparent and black.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Permanent elastomeric joint sealant properties, even under harsh conditions and temperature extremes</li> <li>• AS-1288-2006</li> <li>• ASTM C1184, Type S, Use G and O</li> <li>• C920: Type S Grade NS, Class 35, Use NT, A, G, O</li> <li>• AS/NZS4020-2005 – Drink water approved AWQC *(Translucent variant only)</li> <li>• GB – 16776</li> <li>• Neutral rapid cure</li> <li>• Non-flowing</li> <li>• High modulus</li> <li>• Thixotropic – non-slump</li> <li>• Excellent UV Stability, long life reliability and natural ageing stability</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for application on all types of glazing and weatherproofing including</li> <li>• Structural fin and butt glazing, mirror glazing with metal coated glass, potable water tanks, metal roofing and cladding</li> <li>• Two sided structural glazing (colours only on to aluminium substrate)</li> <li>• Structurally glazed systems (subject to Bostik approval &amp; review of design first)</li> <li>• Fin glazing (all V60 colours including translucent)</li> <li>• Sealing of laminated &amp; reflective glass, mirrors &amp; splash backs</li> <li>• Toughened glass assemblies</li> <li>• Weather Sealing in curtain walls, building façades and composite metal panels</li> <li>• Drinking water – tank manufacturing</li> </ul>

## FIRE RATED SEALANTS



### FireBan One Fire & acoustic rated polyurethane construction sealant

Intumescent, low modulus, Class A polyurethane sealant, for fire rating of jointing of concrete, precast panels, block and brick work, drywall systems, electrical cables and pipe penetrations, in conjunction with other systems such as fire collars, board systems, pillows and fire-rated mortars. When cured, forms a tough, flexible fire-rated seal capable of cyclic expansion and compression movement of 50% ( $\pm 25\%$ ) of the original installed joint width. Available in Sausage only in Grey. Additional colours available in batch quantities.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Fire rated up to 4 hours</li> <li>• Acoustic rated</li> <li>• Retains its original properties even after years of weather and UV exposure</li> <li>• Excellent weatherability</li> <li>• Paintable (refer limitations)</li> <li>• Non-staining</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Interior and exterior surfaces</li> <li>• Residential, commercial and heavy commercial applications</li> <li>• Insitu walls and floors</li> <li>• Precast and tilt-up panels</li> <li>• Brickwork and blockwork</li> <li>• Rendered masonry</li> <li>• Concrete</li> <li>• Plasterboard (Fire rated and acoustic rated)</li> <li>• Fibre cement sheet (Fire rated and acoustic rated)</li> <li>• Approved for use in many GIB® acoustic rated systems (refer document Lt0012012071A – MJC Acoustic Sealant Opinions)</li> </ul>



### FireCaulk Fire & acoustic-rated acrylic construction sealant

Intumescent, non-sag, fire-rated acrylic-based gunnable sealant, which provides a fire barrier for up to 4 hours. Made in New Zealand for NZ conditions. Available in cartridge and sausage in grey.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Helps prevent the spread of fire and smoke through walls and floors, and prevents passage of hot gases</li> <li>• Fire resistant to AS1530.4-1998, BS476: Part 20: 1987 and AS4072.1- 1992, and fire rated for gaps up to 40mm</li> <li>• Smooth gunnability and tool off finish</li> <li>• Low odour, non-toxic, asbestos free</li> <li>• Water clean up</li> <li>• Paintable after 24 hours at 20°C</li> <li>• Water resistant after cure (7 days after application)</li> <li>• Excellent adhesion to metal, wood, plasterboard and all masonry</li> <li>• Acoustic capabilities</li> <li>• One component</li> </ul>	<ul style="list-style-type: none"> <li>• Vertical and horizontal joints</li> <li>• Sealing low movement interior construction joints (less than 5%) in masonry, plasterboard, concrete, precast panels, block and brick work, drywall systems, electrical cables and pipe penetrations, in conjunction with other systems such as fire collars, board systems, pillows and fire-rated mortars</li> <li>• Sealing service penetrations in plasterboard, concrete floors and masonry wall constructions</li> <li>• Sealing gaps around pipes, cables, ducts and services which penetrate fire rated walls and floors</li> <li>• Fire rated cable penetration in concrete and masonry</li> <li>• Installation of fire rated sealant in concrete walls and floors</li> <li>• Sealing construction and expansion joints</li> <li>• Sealing joints in pre-cast panels</li> <li>• Perimeter sealing of door and window framing</li> <li>• Sealing gaps between faced and cladding panels to various building materials</li> <li>• For new construction and remedial applications</li> <li>• Application requiring acoustic properties or STC (Sound Transmission Co-efficient) rating</li> <li>• Approved for use in many GIB® acoustic rated systems (refer document Lt0012012071A MJC Acoustic Sealant Opinions)</li> </ul>

# CONSTRUCTION SEALANTS

## SPECIALTY SEALANTS



### Coolroom Sealant CR6S Industrial grade 100% silicone coolroom sealant

Low modulus, neutral cure, flexible, 100% silicone joint sealant. For use in premises processing all animal products except dairy. Available in cartridge in titanium.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Certified by NZ Food Safety Authority for use in premises processing all animal products except dairy (Approved C82)</li> <li>• Neutral cure</li> <li>• Resistant to mould and fungi</li> <li>• Low VOC, low odour</li> <li>• Ideal for wet areas</li> <li>• Permanently flexible</li> <li>• Excellent adhesion to a variety of substrates</li> </ul>	<ul style="list-style-type: none"> <li>• Sealing expansion joints in cool stores and refrigerated rooms</li> <li>• Sealing in food processing areas</li> </ul>



### Acoustic Sealant Water-based acoustic isolation sealant

Water-based, high solids, permanently flexible and dense sealant for acoustic isolation. Available in sausage.

Key features	Recommended uses
<ul style="list-style-type: none"> <li>• Suitable for use on timber frame plasterboard walls which achieve performances up to STC 60</li> <li>• Water-based – low VOC</li> <li>• Stays flexible</li> <li>• Water clean up</li> </ul>	<ul style="list-style-type: none"> <li>• Perimeter sealing around framing layers</li> <li>• Interior joint sealant (±10% movement)</li> </ul>

## POLYURETHANE AND ACRYLIC SEALANTS COLOUR SELECTION\*

Bostik New Zealand offers an extensive range of sealants formulated specifically to be fit for purpose in the New Zealand construction market.

### SEAL 'N' FLEX 1

White	Off White*	Manila Sand*	Limestone*
Grey	Classic Bone*	Sandstone*	Epping Grey*
Black	Bahama Beige*	Redwood*	Bronze*

### SEAL 'N' FLEX FC/MS SAFE SEAL/

White
Grey
Black

### SEAL 'N' FLEX PR

Limestone*
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### FIRECAULK FIREBAN ONE

Grey
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Colours represented are as close as printing allows.

\*Indent colours only.

**Bostik's products were used for the construction of *The Cloud*, a landmark on the Auckland waterfront**

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