

Professional Sealants Product Guide



New Generation Sealants

Advantages of SMX® Technology



Excellent adhesion to both porous and non-porous substrates

- Suitable for bonding and sealing for all surfaces (except PE, PP)
- Any surface to any surface

Cures underwater & to damp surfaces

- Perfect for use on damp concrete, masonry, brick & block work

Safe for applicator, does not contain solvents or isocyanate's

- All isocyanates are hazardous substances and require care in handling. The greatest risks are from inhaling vapours, fine droplets (aerosols) and dusts containing isocyanates, as they irritate the linings of the nose, throat, lungs and eyes.
- Polyurethanes contains isocyanates which are classified as a carcinogenic and can cause cancer, eye irritation, watering and discomfort, irritation of the respiratory tract, dryness of the throat, tightness of the chest, difficulty in breathing, headaches, asthma attacks; reddening, swelling and blistering of exposed skin if not washed off; and dermatitis. Source: Guidance note Controlling isocyanate hazards at work (<http://www.commerce.wa.gov.au>)

UV-resistant

- Multibond can be left exposed in joints for all external applications
- Polyurethane is recommended to be painted when used external, it will start to break down and then chance of tearing will increase

Can be painted over once skinned with most paints

- Polyurethane can be painted but only once cured
- Silicone cannot be painted



No bubble-formation (no CO2 release)

- Polyurethane cannot be applied onto a damp surface as bubbling occurs
- Silicone will not bond to damp surfaces

Low VOC, save for environment

- Standard VOC level of for Multibond is 2%, polyurethane is 6%

Good extrudability, even at low temperatures

- Polyurethane will become very hard to extrude at low temperatures, this causes the applicator the have to heat them up in hot water
- Polyurethane will become very runny / soft during high temperatures, this causes slump in the joint

Good workability

- Multibond is very easy to apply, can be tooled with Soudal Joint Finish or soapy water

Non-shrinking

- Polyurethanes can loose up to 7% when curing

Permanently elastic properties, even at low temperatures

No hazardous, so no safety labelling required.

Flexible Sealants

MULTIBOND SMX25 – FLEX & SEAL



DESCRIPTION

Multibond SMX25 is a high quality, low modulus, single component, permanently highly flexible, joint sealant with higher viscosity. Perfect for internal & external applications. Based on SMX® Polymer SMX25 has a “Shore A” hardness of 25 and can accommodate movement of $\pm 25\%$. SMX25 has excellent UV resistance, elasticity and can be sanded and painted with most types of paint. Once cured forms a strong, flexible, waterproof seal and bonds to the widest range of substrates. SMX25 can be used for damp and wet surfaces.

APPLICATIONS

Multibond SMX25 – Flex & Seal is ideal for a wide range of sealing applications in construction and industrial including.....

- Expansion joints
- Joints under waterproofing membranes (water-based, solvent-based and acrylic)
- Masonry and precast concrete joints
- For sanitary, bathroom and kitchen areas (resists mould growth)
- For walls and perimeter joints
- For lap joints in roofing, guttering and cladding,
- For air conditioning ducting,
- For caravan, bus and automotive use
- For window and door frames.

FEATURES & BENEFITS

- Low modulus
- Higher viscosity
- Highly flexible $\pm 25\%$
- Internal & external
- UV resistant



| Colour | | Size | Item Code |
|---------------|--|-------|-----------|
| Concrete Grey | | 600ml | 130252 |
| White | | 600ml | 130248 |
| Black | | 600ml | 130254 |
| Beige | | 600ml | 130250 |
| Dark Grey | | 600ml | 130249 |
| Sandstone | | 600ml | 130253 |
| Off White | | 600ml | 130251 |

Similar products in the industry....



Flexible Sealants

MULTIBOND SMX35 – SEAL & STRETCH



DESCRIPTION

Multibond SMX35 is a high quality, single component, permanently flexible joint sealant. Perfect for internal & external applications. Based on SMX® Polymer Multibond SMX35 has a “Shore A” hardness of 35 and can accommodate movement of ± 20 %. Multibond SMX35 has excellent UV resistance, elasticity and can be sanded and painted with most types of paint. Once cured forms a strong, flexible, waterproof seal and bonds to the widest range of substrates. Multibond SMX35 can be used for damp and wet surfaces.

APPLICATIONS

Multibond SMX35 – Seal & Stretch is ideal for a wide range of sealing applications in construction and industrial including....

- Expansion joints
- Joints under waterproofing membranes (water-based, solvent-based and acrylic)
- Masonry and precast concrete joints
- For sanitary, bathroom and kitchen areas (resists mould growth)
- For walls and perimeter joints
- For water retaining structures (Concrete Grey water potable approved)
- For lap joints in roofing, guttering and cladding,
- For air conditioning ducting,
- For caravan, bus and automotive use
- For window and door frames.

FEATURES & BENEFITS

- Elastic sealant
- Highly flexible ±20%
- Internal & external
- Multipurpose
- UV Resistant



| Colour | Size | Item Code |
|---------------|----------------|------------------|
| Concrete Grey | 290ml 600ml | 124605 124618 |
| White | 290ml 600ml | 124604 124598 |
| Black | 290ml 600ml | 124620 124619 |
| Beige | 600ml | 124789 |
| Dark Grey | 600ml | 124790 |
| Sandstone | 600ml | 124787 |
| Off White | 600ml | 124788 |

Similar products in the industry....



Flexible Sealant & Adhesive

MULTIBOND SMX50 – SEAL & STICK FC



DESCRIPTION

Multibond SMX50 is a high quality, fast curing, single component flexible adhesive and sealant with high adhesive strength. Perfect for internal & external applications. Based on SMX® Polymer Multibond SMX50 has a “Shore A” hardness of 40 ideal for trafficable joints and can accommodate movement of ± 20%. Multibond SMX50 has excellent UV resistance, elasticity and can be sanded and painted with most types of paint. Once cured forms a strong, flexible, waterproof seal and bonds to the widest range of substrates see below. Multibond SMX50 can be used for damp and wet surfaces.

APPLICATIONS

Multibond SMX50 is ideal for a wide range of bonding and sealing applications in construction and industrial including....

- For trafficable expansion joints
- For trafficable pavement floors and perimeter joints,
- Joints under waterproofing membranes (water-based, solvent-based and acrylic)
- For sanitary, bathroom and kitchen areas (resists mould growth)
- For lap joints in roofing, guttering and cladding
- For air conditioning ducting
- For caravan, bus, automotive use

FEATURES & BENEFITS

- Fast curing
- Sealing & bonding
- Internal & external
- Trafficable
- UV Resistant



| Colour | Size | Item Code |
|---------------|-------|-----------|
| Concrete Grey | 290ml | 128737 |
| | 600ml | 124542 |
| White | 290ml | 128738 |
| | 600ml | 124617 |
| Black | 290ml | 128736 |
| | 600ml | 124606 |

Similar products in the industry...



Fire rated sealants

SODASEAL FR



DESCRIPTION

Soudaseal FR is a high quality, fire retarding, single component joint sealant with high adhesive strength and excellent elasticity. Perfect for internal & external applications. Based on SMX® Polymer Soudaseal FR has a "Shore A" hardness of 20 ideal for expansion joints and can accommodate movement of $\pm 25\%$. For use in high movement joints in construction, automotive, marine and aerospace areas where a tough flexible rubber is required with excellent fire retardant characteristics. Once cured forms a strong, flexible, waterproof seal and bonds to the widest range of substrates.

APPLICATIONS

Soudaseal FR is ideal for a wide range of fire rated sealing applications in construction and industrial including.....

- Expansion and connection joints in the building industry
- Sealing of joints in prefabricated buildings
- Movement joints in high rise constructions
- Sealing between window and door frames
- Flexible joints in marine applications
- Flexible bonding in caravans and mobile structures
- Exposed movement joints on all usual building substrates

FEATURES & BENEFITS

- Elastic sealant
- Highly flexible
- Internal & external
- UV Resistant
- Meets Aust Standard AS1530.4-2005



| Colour | Size | Item Code |
|--|-------|-----------|
| Grey  | 600ml | 113628 |

Similar products in the industry....



Fire rated sealants

FIRECRYL FR

DESCRIPTION

FIRECRYL FR is a fire retardant, acoustic, one-component, intumescent, plasto-elastic joint sealant based on acrylic dispersions. Ideal for sealing masonry and plasterboard joints, best for interiors with limited joint movement capability. It resists the passage of fire and smoke and is fire resistant up to 4 hours (tested according to EN 1366-4:2006). Intumescent in contact with fire - swells when exposed to temperatures over 120°C.

APPLICATIONS

Soudaseal FR is ideal a wide range of fire rated sealing applications in construction and industrial including.....

- Expansion and connection joints in the building industry
- Sealing of joints in prefabricated buildings
- Movement joints in high rise constructions
- Sealing between window and door frames
- Flexible joints in marine applications
- Flexible bonding in caravans and mobile structures
- Exposed movement joints on all usual building substrates

FEATURES & BENEFITS

- Stays elastic
- Can be painted
- Colourfast and waterproof after curing.
- Very good adhesion on most porous surfaces.
- Meets Aust Standard AS1530.4-2005



| Colour | Size | Item Code |
|--------|-------|-----------|
| Grey | 310ml | 107433 |
| | 600ml | 110947 |

Similar products in the industry....





SOUDAL

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