# SOUDAL

**Expert in sealants, foams and adhesives**

# PROFESSIONAL SEALANT
# PRODUCT GUIDE



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Lotto SOUDAL — Belgian Cycling Project

PROFESSIONAL TRADE QUALITY

SMX® TECHNOLOGY

# ADVANTAGES OF SMX® TECHNOLOGY

## Excellent adhesion to both porous and non-porous substrates

- Suitable for bonding and sealing for all surfaces (except PE, PP, PTFE ....)
- 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

- SMX® Polymer are non-hazardous and no special equipment is necessary.
- Polyurethanes based sealants and adhesives contains isocyanates.
- Isocyanates are hazardous substances and require care in handling and use. Products containing isocyanates are marked with hazard symbols and the use of special equipment is recommended.

## Paintability

- SMX® Polymer can be painted after initial skin formation with most type of paint unlike silicone sealants which cannot be painted.

## Easy to extrude in all temperatures and circumstances

- SMX® Polymer are easy to extrude in all temperatures and circumstances. In cold temperatures it is not necessary to warm them up, at high temp they will not become runny and slump in joints.

## UV-resistant

- SMX® Polymer can be left exposed in joints in all external applications.

## No bubble-formation

- SMX® Polymer will not bubble and therefore can be applied onto a damp surface unlike PU sealants which will bubble in such situation.

## Low VOC content - safer for the environment

- All SMX® Polymer products have a very low VOC content which makes them safer for the environment and the sealant installers.

## Easy to tool and work with

- SMX® Polymer products are very easy to apply and tool with Soudal's Joint Finishing solution or with soapy water.

## Non-shrinking

- SMX® Polymer products will not shrink when applied in joints as they are free of solvents and water. Non-hazardous, so no safety labelling required.

## Non-hazardous, therefore no safety labels required

- SMX® Polymer products are classified as non-hazardous. Therefore no safety labelling is necessary on packaging.

## | MULTIBOND SMX25 - FLEX & SEAL

### DESCRIPTION

High quality, low modulus, one component, permanently highly flexible joint sealant with higher viscosity. Based on SMX® Polymer, it has a Shore A hardness of 25 and can accomodate movement of ±25%. Can be sanded and painted with most type of paint. Cures to forms a strong, flexible, waterproof seal and bonds to the widest range of substrates.

### APPLICATIONS

Ideal for a wide range of sealing applications including - expansion joints, masonry and precast concrete joints, can be used for damp surfaces such as bathroom and kitchen area, for walls, window, door frames and perimeter joints, for sealing expansion joints, concrete panel joints, brickwork & block-work joints, etc.

### FEATURES & BENEFITS

- Highly elastic ±25%
- Ideal on vertical joints due to thicker consistency
- Non slump
- Internal & external
- Suitable for a wide range of sealing applications

| Colour | | Size | Item Code |
|---|---|---|---|
| Concrete grey | | 600 mL | 130252 |
| White | | 600 mL | 130248 |
| Black | | 600 mL | 130254 |
| Beige | | 600 mL | 130250 |
| Dark grey | | 600 mL | 130249 |
| Sandstone | | 600 mL | 130253 |
| Off white | | 600 mL | 130251 |
| Redwood | | 600 mL | 137193 |

### Similar products in the industry



Bostik Seal 'N Flex

Sikaflex PRO
Sikaflex PRO⁺

FulaFlex 625
Fulaflex 550

Parchem Emer-seal PU25

## | MULTIBOND SMX35 - SEAL & STRETCH

### DESCRIPTION

High quality, single component, permanently flexible joint sealant. Based on SMX® Polymer, it has a Shore A hardness of 40 and can accommodate movement of ±20%. 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.

### APPLICATIONS

Ideal for a wide range of sealing applications including - expansion joints, joints under waterproofing membranes*, masonry and precast concrete joints, for sanitary - bathroom and kitchen areas, for walls, window, door frames and perimeter joints, for water retaining structures, for lap joints in roofing, guttering and cladding

### FEATURES & BENEFITS

- Easy to extrude
- Elastic joint sealant ±20%
- Fast skinning, ideal for sealing joints prior to applying waterproof membranes
- Suitable for a wide range of sealing applications
- Internal & External

| Colour | | Size | Item Code |
|--------|---|------|-----------|
| Concrete grey | ▢ | 290 mL | 124605 |
| | | 600 mL | 124618 |
| White | ▢ | 290 mL | 124604 |
| | | 600 mL | 124598 |
| Black | ◼ | 290 mL | 124620 |
| | | 600 mL | 124619 |
| Beige | ▢ | 600 mL | 124789 |
| Dark grey | ◼ | 600 mL | 124790 |
| Sandstone | ▢ | 600 mL | 124787 |
| Off white | ▢ | 600 mL | 124788 |

## Similar products in the industry

Bostik Seal 'N Flex

Sikaflex PRO
Sikaflex PRO+

FulaFlex 625
Fulaflex 550

Parchem Emer-seal PU25

## | MULTIBOND SMX50 - SEAL & STICK

### DESCRIPTION

High quality, fast curing, single component flexible adhesive and sealant with high adhesive strength. Based on SMX® Polymer, it has a Shore A hardness of 40 and can accommodate movement of ±20%. 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.

### APPLICATIONS

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, for sanitary, bathroom and kitchen areas, for lap joints in roofing, guttering and cladding

### FEATURES & BENEFITS

- Elastic sealant adhesive ±20%
- For trafficable expansion joints
- Ideal multipurpose sealant and adhesive for wide range of applications for construction, industrial, manufacturing, etc.
- Internal & external
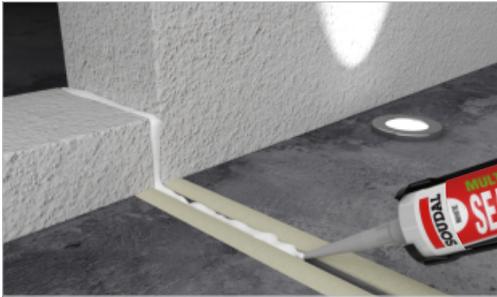
| Colour | | Size | Item Code |
|---|---|---|---|
| Concrete grey | | 290 mL | 128737 |
| | | 600 mL | 124542 |
| White | | 290 mL | 128738 |
| | | 600 mL | 124617 |
| Black | | 290 mL | 128736 |
| | | 600 mL | 124606 |

### Similar products in the industry



FulaFlex 650 FC
Fulaflex 570 FC

Bostik Seal 'N Flex FC
Bostik Matrix FC

Sikaflex 11FC

Parchem Emer-seal PU40

## | SOUDASEAL FR

### DESCRIPTION

High quality, fire retarding, single component joint sealant with high adhesive strength and excellent elasticity. 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. Fire retardant up to 240 min.

### APPLICATIONS

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 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 | | 290 mL | 137450 |
| | | 600 mL | 131480 |

## Similar products in the industry

Bostik Xtreme Fireseal
Bostik Fireban One

Sika Firerate PU

Selleys FLAME FLEX
Selleys FireBlock

Fosroc Flame PU

## | 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

Ideal a wide range of fire rated sealing applications in construction and industrial including fire resistant interior applications, sealing compound for cracks in concrete and plaster, connection joints in the building industry, joints with movements up to 10%.

### FEATURES & BENEFITS

- 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 | | 310 mL | 131479 |
| | | 600 mL | 131478 |

## Similar products in the industry

Sika Firerate

HB Fuller Fire Sound

Bostik Firecaulk

Selleys Acryseal

BOSS Firemastic 300

Ramset BlazeBrake

# SOUDAL

## Expert in sealants, foams and adhesives

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