



**SOUDAL**



**MULTIBOND**

**SEALANTS AND  
ADHESIVES**

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**WE LEAD, THE OTHERS FOLLOW**

# Advantages of Hybrid Polymer

- Excellent adhesion to both porous and non-porous substrates
  - Can be used for bonding and sealing for all surfaces (except PE, PP)
- 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
  - PU contains isocyanates which is classified as a carcinogenic and can cause 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 all external applications
  - PU is recommended to be painted when used external, it will start to break down and then chance of tearing will occur
- Can be painted over once skinned with most paints
  - PU can be painted but only once cured
  - Silicone cannot be painted
- No bubble-formation (no CO2 release)
  - PU cannot be applied onto a damp surface as bubbling applies
  - Silicone will not bond to damp surfaces
- Low VOC, save for environment
  - Standard VOC level of for Multibond is 2%, PU is 6%
- Good extrudability, even at low temperatures
  - PU will become very hard to extrude at low temperatures, this causes the applicator the have to heat them up in hot water
  - PU 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
- Permanently elastic properties, also at low temperatures
- Non-shrinking
- Extended shelf life
  - Sausages 12 – 18 months
  - Cartridges 18 – 24 months
- No hazardous, no safety labelling required



From the makers of.....



# Multibond Applications

## Multibond MS35 – Seal & Stretch

- Flexible joint sealant used for internal & external movement joints
- Water potable AS/NZS 4020:2005, Report ID 125774 (Concrete Grey only)
- Sealant expansion joints for the building and construction industry
- Sealant under water-based and acrylic waterproofing membranes (not solvent based)
- Sealant for construction joints
- Sealant for precast concrete joints
- Sealant for the industrial industry
- Sealant for sanitary, bathroom and kitchen areas – resists mould growth
- Sealant for natural stone (marble, granite, etc)
- Sealant for walls and perimeter joints
- Sealant for roofing, guttering and cladding
- Sealant for water retaining structures
- Sealant for air conditioning ducting
- Sealant prior to painting (can be painted once skinned)
- Sealant for caravan, bus, automotive, etc
- Sealant for glass and window frames



## Multibond MS50 – Seal & Stick FC

- Flexible sealant for trafficable internal & external movement joints
- Adhesive / trafficable sealant for the building and construction industry
- Fast curing sealant under water-based and acrylic waterproofing membranes (not solvent based)
- Adhesive / sealant for the industrial industry
- Adhesive / trafficable sealant for sanitary, bathroom and kitchen areas – resists mould growth
- Adhesive / trafficable sealant for natural stone (marble, granite, etc)
- Trafficable sealant for floors and perimeter joints
- Adhesive / sealant for roofing & guttering
- Adhesive / sealant for caravan, bus, automotive, etc
- Adhesive / Sealant for glass and window frames



## Soudaseal FR – Fire Seal

- Fire rated expansion and connection joints in the building industry
- Sealing of fire rated joints in prefabricated buildings
- Fire rated movement joints in high rise constructions
- Sealing between window and door frames when fire rating is required
- Fire rated flexible joints in marine applications and flexible bonding in caravans and mobile structures
- Exposed movement joints on all usual building substrates



## Comparison Chart

### Multibond MS35 – Seal & Stretch

- ✓ Bostik Seal N Flex 1
- ✓ Bostik Xtreme Seal + Seal & Fix
- ✓ Bostik Seal In The Wet
- ✓ Sikaflex Pro
- ✓ Parchem Emer-seal PU
- ✓ Selleys Pro Series Sealant
- ✓ Selleys 3 in 1
- ✓ Fullers Toolbox
- ✓ Admil Proflex 25

### Multibond MS50 – Seal & Stick FC

- ✓ Bostik Seal N Flex FC
- ✓ Sikaflex 11FC
- ✓ Fullers Fulaflex Sealant
- ✓ Selleys Pro Series Sealant/adhesive
- ✓ Parchem Emer-seal PU40
- ✓ Admil Proflex 25

### Soudaseal FR – Fire Seal

- ✓ Bostik Fireban 1
- ✓ Sikaflex Fireate PU
- ✓ Selleys Pro Series Fireblock

# Multibond Range Breakdown



## Multibond MS35 – Seal & Stretch

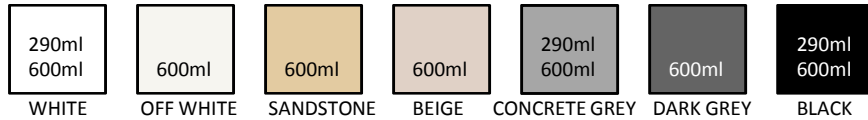
**Description:** Multibond MS35 Seal & Stretch is a high quality single component joint sealant with high adhesive strength. It is based on hybrid-polymer.

**Base:** Hybrid Polymer

**Shore A Hardness:** 35 ± 5

**Curing rate:** 2mm / 24 hours

**Elongation at break:** 400%



Barcode	Size	Colour	Item Code	Barcode	Size	Colour	Item Code
5411183118485	290ml	White	124604	5411183119314	600ml	Concrete Grey	124618
5411183118492	290ml	Concrete Grey	124605	5411183119772	600ml	Beige	124789
5411183118508	290ml	Black	124620	5411183119796	600ml	Sandstone	124787
5411183119246	600ml	White	124598	5411183119765	600ml	Dark Grey	124790
5411183119789	600ml	Off White	124788	5411183119307	600ml	Black	124619



## Multibond MS50 – Seal & Stick FC

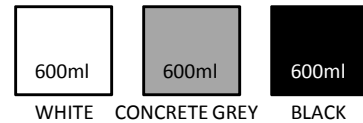
**Description:** Multibond MS50 – Seal & Stick FC is a high quality, fast curing, trafficable, single component sealant & adhesive with high adhesive strength. It is based on hybrid-polymer.

**Base:** Hybrid Polymer

**Shore A Hardness:** 50 ± 5

**Curing rate:** 3mm / 24 hours

**Elongation at break:** 400%



Barcode	Size	Colour	Item Code
TBA	600ml	White	124617
TBA	600ml	Concrete Grey	124542
TBA	600ml	Black	124606

## Soudaseal FR – Fire Seal

**Description:** Soudaseal FR is a high quality single component joint sealant with high adhesive strength and excellent elasticity. It is based on SMX-Polymer®, chemically neutral and fully elastic. For use in high movement joints in construction, automotive, marine and aerospace areas where a tough flexible rubber is required with good fire retardant characteristics.

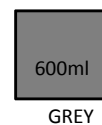
**Base:** SMX Polymer

**Shore A Hardness:** 20 ± 5

**Curing rate:** 2mm / 24 hours

**Elongation at break:** 540%

**Fire Rated Test Report:** Bocyote Warrington ID no 23751-00



Barcode	Size	Colour	Item Code
5411183057548	600ml	Grey	113628



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