



# Product Catalogue

2018 Edition 1



- ◆ Adhesives
- ◆ Sealants
- ◆ Silicones
- ◆ Fillers



## Max Bond™ Original Construction Adhesive











Max Bond™ Original Construction Adhesive is a synthetic, rubber based adhesive designed primarily for the installation of flooring and wall panels. Max Bond™ Original Construction Adhesive is also ideal for bonding most common construction materials such as metal, timber and concrete.

### Key Benefits

- ✓ Bridges small gaps, effective when used on uneven surfaces
- ✓ Reduces squeaking associated with nail ride in floors
- ✓ Multi purpose
- ✓ Repositionable for up to 20 minutes after application
- ✓ Water resistant
- ✓ High bond strength and heat resistance

### Uses

- ✓ Installing particle board, fibre cement, plasterboard, plywood and strip flooring to joists
- ✓ Bonding cement sheet and plaster board to timber and metal studs
- ✓ Skirting boards, architraves and trims to walls
- ✓ Installing timber wall panelling to timber and metal studs

Specifications	Available Products	Colour	Ctn Qty	Compatible Substrates
<p><b>Cured State</b> Rigid - Minimal flexibility</p> <p><b>Typical Film Thickness</b> N/A - applied in beads up to 12mm in diameter</p> <p><b>Skin Time</b> 2 - 5 minutes</p> <p><b>Cure Time</b> Variable dependant on conditions</p> <p><b>Area</b> Interior/exterior</p> <p><b>Product Chemistry</b> Solvent based rubber</p> <p><b>Refer to TDS for additional technical information.</b></p>	<p> <b>Max Bond™ Original Construction Adhesive 320g Cartridge</b> Resource Code: 6004134011</p> <p> <b>Max Bond™ Original Construction Adhesive 900g Cartridge</b> Resource Code: 6004134049</p> <p> <b>Max Bond™ Original Construction Adhesive 600ml Sausage</b> Resource Code: 6004134133</p> <p> <b>Max Bond™ Original Construction Adhesive Value Pack 3x 320g Cartridges</b> Resource Code: 4146264260</p> <p> <b>Max Bond™ Original Construction Adhesive Tradies Bucket 20x 320g Cartridges</b> Resource Code: 4146264094</p>	<p> tan</p> <p> tan</p> <p> tan</p> <p> tan</p> <p> tan</p>	<p>20</p> <p>12</p> <p>15</p> <p>8</p> <p>1</p>	<ul style="list-style-type: none"> <li>✓ Concrete</li> <li>✓ Cement sheeting</li> <li>✓ Masonry</li> <li>✓ Metal</li> <li>✓ Steel inc. stainless</li> <li>✓ Zinc/galvanised steel</li> <li>✓ Plasterboard</li> <li>✓ Timber</li> <li>✓ Fibreglass</li> <li>✓ Plywood</li> <li>✓ Particleboard</li> <li>✓ Ceramic</li> <li>✓ Glass</li> </ul>



## Max Bond™ Fast Grip (Water Based) Adhesive







Max Bond™ Fast Grip is a water based, premium grade, multi purpose construction adhesive that is easy to use and provides a strong initial grab. Max Bond™ Fast Grip reduces squeaks in the flooring system and cures to give high bond strength. Max Bond™ Fast Grip is ideal for bonding parquetry to floors and subfloors and for bonding timber strip flooring that will be sanded and finished after installation.

### Key Benefits

- ✓ Water based, high bond strength and heat resistance when cured
- ✓ Versatile
- ✓ Fast initial grab
- ✓ Low VOC
- ✓ Low odour
- ✓ Meets AS 2329, bridges gaps up to 5mm
- ✓ Non-flammable and solvent free
- ✓ Reduces squeaks in floors

### Uses

- ✓ Bonding panelling to framing e.g. cement sheet, plywood, plasterboard
- ✓ Bonding subfloors to joists e.g. particleboard
- ✓ Bonding strip flooring and parquetry to subfloor and concrete slabs

Specifications	Available Products	Colour	Ctn Qty	Compatible Substrates
<p><b>Cured State</b> Rigid - Slightly flexible</p> <p><b>Typical Film Thickness</b> N/A - applied in beads up to 12mm in diameter</p> <p><b>Skin Time</b> 20 minutes</p> <p><b>Cure Time</b> Variable dependant on conditions</p> <p><b>Area</b> Interior/exterior</p> <p><b>Product Chemistry</b> Acrylic water based</p>	<p> <b>Max Bond™ Fast Grip Adhesive 420g Cartridge</b> Resource Code: 6020684010</p> <p> <b>Max Bond™ Fast Grip Adhesive 600ml Sausage</b> Resource Code: 4145534133</p> <p> <b>Max Bond™ Fast Grip Adhesive 1.5kg Concorde</b> Resource Code: 6025984134</p>	<p> pale brown</p> <p> pale brown</p> <p> white</p>	<p>20</p> <p>15</p> <p>10</p>	<ul style="list-style-type: none"> <li>✓ Timber</li> <li>✓ Plywood</li> <li>✓ Particleboard</li> <li>✓ Concrete</li> <li>✓ Cement sheeting</li> <li>✓ Plasterboard</li> <li>✓ Ceramic</li> <li>✓ Polystyrene</li> </ul>
<p><b>Refer to TDS for additional technical information.</b></p>				

## Multi Use

### Caulk in Colours™ Acrylic Sealant

Caulk in Colours™ acrylic sealant is a flexible, water based joint sealant for use in sealing expansion and other joints in residential construction work and tiling. It can be used for interior and exterior jobs and dries “true” to its wet colour. It won’t crack, peel or split over time.

#### Key Benefits

- ✓ The premium, market leading caulk sealant
- ✓ Dries 'true' to wet colour
- ✓ Won't crack, peel or split over time
- ✓ Good for horizontal and vertical applications
- ✓ Flexible: +/- 20% joint movement capability
- ✓ Interior/exterior use

#### Uses

- ✓ Sealant in wet areas where immersion does not occur
- ✓ Filling gaps between baths, basins, shower recesses and tiles
- ✓ Expansion joints in brickwork, walls and tiles
- ✓ Sealing around architraves, window and door frames
- ✓ Expansion joints around the perimeter of timber floors

Note: Protect from water until sufficiently cured

#### Specifications

**Movement Capability (±)**  
20%

**Skin Time**  
10 mins (23°C, 50% RH)

**Cure Time**  
Variable dependant on conditions

**Mould & Mildew Resistance**  
Yes

**Paintable**  
Yes

**Potable Water approved**  
No

**Area**  
Interior/exterior

**Product Chemistry**  
Acrylic

Refer to TDS for additional technical information.

#### Compatible Substrates

- ✓ Concrete
- ✓ Cement sheeting
- ✓ Brick
- ✓ Steel inc, stainlessl
- ✓ Zinc/galvanised steel
- ✓ Aluminium
- ✓ Plasterboard
- ✓ Timber
- ✓ Particleboard
- ✓ Plywood
- ✓ Ceramic
- ✓ Polystyrene
- ✓ Polyurethane Foam



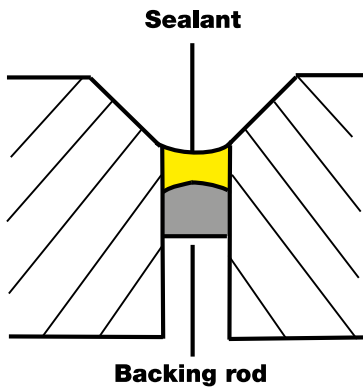
## Multi Use



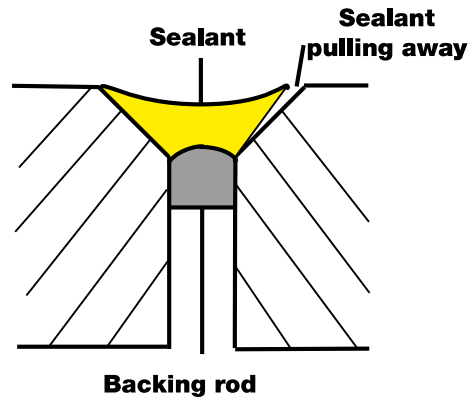
Caulk in Colours™ has been providing the trade preferred finish to projects for decades. Matched with the changing trends in tile and paint colours, Caulk in Colours™ is the perfect match of strength and flexibility that stands up to the test of time.

Available Products	Colour	Ctn Qty	
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 7001734112	 brilliant white	6	<b>Brilliant White</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6003484112	 white	6	<b>White</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6008324112	 light ivory	6	<b>Light Ivory</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6003474112	 vanilla	6	<b>Vanilla</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6030994112	 fawn	6	<b>Fawn</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6030954112	 mocca	6	<b>Mocca</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6031104112	 cream	6	<b>Cream</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6030964112	 terracotta	6	<b>Terracotta</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6030934112	 earth	6	<b>Earth</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6003384112	 cedar	6	<b>Cedar</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6030944112	 warm brown	6	<b>Warm Brown</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6030924112	 light grey	6	<b>Light Grey</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6030974112	 charcoal	6	<b>Charcoal</b>
<b>Caulk in Colours™ 450g Cartridge</b> Resource Code: 6003354112	 black	6	<b>Black</b>

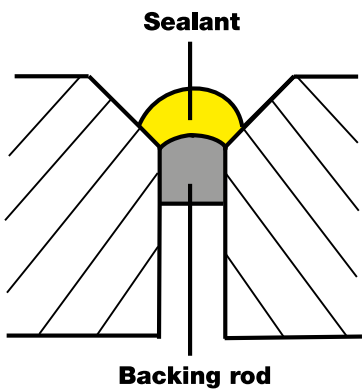
**Joint Configuration**



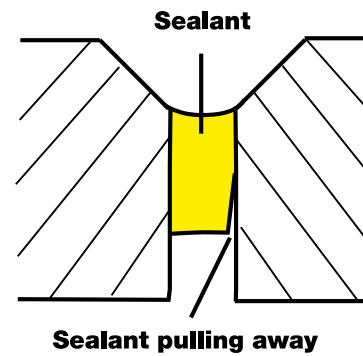
**Correct:** Sealant applied on backing rod using correct sealant dimensions



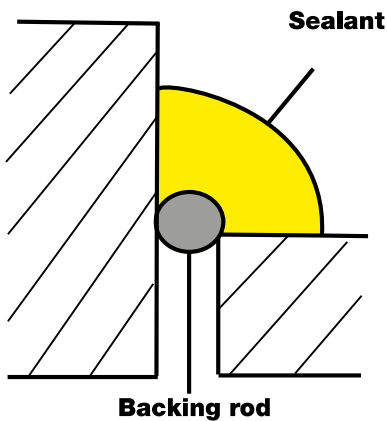
**Incorrect:** Sealant applied onto chamfered edge where concrete may be weak



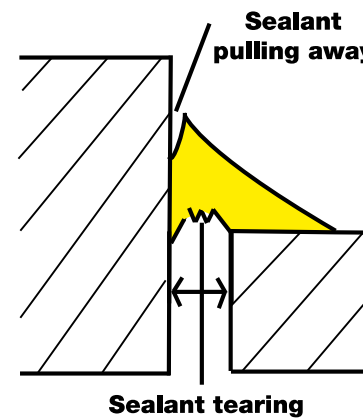
**Correct:** Alternative method of installation preserves ability of sealant to expand and contract



**Incorrect:** Sealant extends too deep into joint leading to tearing away from sides or splitting



**Correct:** Sealant applied between two walls with backing rod to support movement



**Incorrect:** Sealant applied without backing rod or where excessive movement occurs, allows sealant to split away from the wall edges and tear

## Surface Preparation & Priming

- Ensure substrate surfaces are clean, sound, dry and free of oil, grease, dust, loose particles, release agents, silicone and water repellents. Priming, or alternatively solvent wiping, is necessary for joints involving some substrates. Please refer to individual product technical data sheets.

## Application Tips

- Care must be taken to select the correct sealant for the joint, taking into account requirements such as paintability, UV, temperature, chemical and water resistance, non-staining ability, joint movement capability, etc.
- Sealants should be applied between 5°C - 35°C ambient temperature.
- Sides of joints may be masked with tape prior to sealant application. If masking is undertaken, remove the tape before sealant cures.
- Wear appropriate clothing to avoid sealant contact with skin and eyes.
- Before sealant application, closed cell polyethylene or open cell polyurethane foam backing rod is usually pushed between the substrates to the joint depth, in order to control sealant depth forming the joint.
- In trafficable joints where firmer support is required, non-porous, semi-rigid backing rod type materials are sometimes recommended. Seek technical advice regarding the type of backing material and detailed instructions that need to be followed.
- Select a foam width where the foam will compress approx. 25% when pushed into the gap. Where closed cell foam is used, be careful not to puncture the surface, or over-compress the foam, as this can lead to gas from the foam bubbling into the sealant – a condition that worsens in warm conditions.
- In joints too shallow for backing rod, bond-breaker tape must be applied into the gap to avoid three-sided adhesion of the sealant, which will result in the joint failing.
- After applying sealant into the joint, the sealant should be smoothed (tooled), preferably without a release agent. If a tooling agent is required, check the technical data of the sealant to ensure suitability.
- Check the sealant technical data to ensure it is suitable for the proposed joint configuration.
- In standard expansion joints, the joint should be min 6mm width.
- For joints between 6mm and 10mm width, the depth of the sealant should be the same as the width (1:1).
- For joints between 10mm and 20mm width, the depth of the sealant should be 10mm.
- For joints between 20mm and 50mm width, the depth of the sealant should be half the joint width e.g. a 30mm width joint should have a depth of 15mm (1:2).
- Joints above 50mm are not standard, and technical advice should be sought.

Technical Data Sheets and Material Safety Data Sheets (referencing to product limitations) are available from our website: [www.hbfuller.com.au](http://www.hbfuller.com.au)

## Calculating Yield

Yield depends on a number factors including the gap width and depth and the shape of the bead. The tables (below) indicate nominal yield for a square joint for a 300ml cartridge or 600ml sausage.

Use the following formula to calculate yield in metres:

$$\text{Yield (m)} = \frac{\text{Cartridge (300ml) or Sausage (600ml) Volume}}{\text{Gap Width (mm) x Depth (mm)}}$$

Example:

$$\text{Yield 5m} = \frac{300\text{ml Cartridge}}{8\text{mm W x }8\text{mm D}}$$

Nominal Yield for Joint in Metres per 300ml Cartridge								
		GAP WIDTH (mm)						
		6	8	10	15	20	25	30
DEPTH (mm)	6	8	6					
	8		5	4	2.5			
	10		4	3	2	1.5	1.25	
	12					1.25	1	0.8
	15							0.6

Nominal Yield for Joint in Metres per 600ml Sausage								
		GAP WIDTH (mm)						
		6	8	10	15	20	25	30
DEPTH (mm)	6	16	12					
	8		10	8	5			
	10		8	6	4	3	2.5	
	12					2.5	2	1.6
	15							1.3