



# FIRECAULK

## Fire Rated Acrylic Sealant

### DESCRIPTION

Bostik Firecaulk is a single component, waterbased, non-sag, fire rated sealant. Bostik Firecaulk is a gun grade acrylic based sealing compound specifically manufactured for sealing low movement interior joints (less than 12,5%) in masonry and plasterboard to provide a fire barrier for periods up to 4 hours

### RECOMMENDED USES

- Sealing of gaps around pipes, cables, ducts and services which penetrate fire rated walls and floors.
- Fire rated cable penetration in concrete and masonry.
- Installation of fire rated sealant in concrete walls.
- Sealing construction and expansion joints.
- Sealing joints in pre-cast panels.
- Perimeter sealing of door and window framing.
- Sealing gaps between faced and cladding panels to various building materials.
- For new construction and remedial applications.
- To prevent the spread of fire and smoke through walls and floors.



### FEATURES & BENEFITS

- Fire resistance when tested in accordance with AS1530,4-1998, BS476: Part 20: 1987 and AS4072.1-1992
- Designed for Australian conditions.
- One part no mixing required.
- Very easy to apply and gives a smooth finish.
- Smooth gunnability and tool off finish
- Low odour
- Non-toxic
- Asbestos free.
- Priming not normally required.
- Water clean up.
- Prevents the passage of hot gases.
- Paintable after 24 hours at 20°C.
- Water resistant after cure (7 days after application).

### PERFORMANCE PROPERTIES

Typical properties after 7 days cure at 25°C and 50% RH

Appearance	Non sag smooth thixotropic paste
Stain and Colour Change	None
Chemical Type	One component intumescent acrylic
Shore A hardness	22 approx.
Chemical Resistance	Fair
Service Temperature	-20°C to +80°C
Application Temperature	+4°C to +35°C
Tensile Strength	> 1,0 N/mm <sup>2</sup>
Tool working Time	15 minutes at 25°C
Max. Joint Movement	-12,5%
Max. Joint Width	50mm
Elongation	290 to 340%
Colour	White / Limestone
Full Cure	7 days at 25°C

\* Full test reports on fire resistance available on request.

### COVERAGE

The coverage below is the approximate lineal metre yield per 600ml sausage.

Joint Size	10mm x 10mm	20mm x 10mm	40mm x 20mm
LM Yield	6	3	0,8

Calculation formula  $\frac{W \times D \times L}{1000}$  = Litres  
 W = Width(mm) D = Depth(mm) L = Length(metres)

### PACKAGING

ITEM NO	STOCK SIZE	COLOUR
<b>BOSTIK FIRECAULK</b>		
239747	10L Pail	Limestone
239755	600ml Sausage	Limestone
245410	300ml Cartridge	White



\* For detailed and latest technical information refer to Bostik Technical Data Sheet or visit [www.bostik.com.au](http://www.bostik.com.au)