

FIREBAN ONE

Fire Rated Polyurethane Sealant

DESCRIPTION

Fireban one is a fire rated, single component, low modulus polyurethane sealant curing via air humidity or moisture to form a elastomeric weatherproof fire rated seal.

Fireban One is a Class A polyurethane sealant. When cured it will form a tough, flexible seal capable of cyclic expansion and compression movement of 50%(± 25%) of the original joint width.

Fireban One is virtually unaffected by normal weathering conditions such as rain, sunlight, snow, sleet, ultra-violet radiation, ozone, atmospheric contamination and pollution.

RECOMMENDED USES

- Sealing joints in expansion and construction joints in precast.
- Sealing joints in insitu concrete, block and brick work.
- Penetration and core hole sealing in conjunction with fire collars or pillows or in areas requiring intumescent sealing
- Sealing joints that require acoustic rating performance

FEATURES & BENEFITS

- High durability
- Excellent weathering resistance
- Paintable (refer to printability)
- Non staining
- 50% total joint movement maximum
- Australian made
- Excellent acoustic ratings
- Fire rated up to 4 hours

APPROVALS/STANDARDS

- AS 1526-1973
- ASTM C920-1986
- BS4254-1983
- Fire Test Certification to AS1530.4 (1990), AS4072-1 (1992) and BS476-20 (1987)
- Acoustic Certification to BCA Standards.
- BOMBA Approved (Malaysia)
- SISIR Approved (Singapore)



PERFORMANCE PROPERTIES

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

Appearance	Non-sag thixotropic paste
Colour	Limestone
Chemical type	Polyurethane (Moisture Cure)
Shore A hardness	30 approx.
Chemical Resistance	Resistant to dilute acids, alkalis and some solvents.
Tack Free Time	6-12 hours
Tensile Strength	> 1.3 N/mm ²
Temperature Resistance	-40°C to + 70°C
Application temperature	+ 5°C to + 35°C
Elongation at Break	> 900%
Specific Gravity	1.45 approx
Rate of cure in mm/24hrs	2

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	CLOUR
BOSTIK FIRE BAN ONE		
224200	600ml (870gm) sausage	Limestone



* For detailed and latest technical information refer to Bostik Technical Data Sheet or visit www.bostik.com.au