

FIREPRO

FIRE PROTECTIVE BUILDING PRODUCTS

Product specifications can change. Contact us to ensure you have our latest datasheet

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FIREPRO BJ201 FIRESEAL STRIP

Flexible Fire Resistant Barrier for Seismic & Other Movement Gaps

Firepro BJ201 is used for movement joints in floors and walls when fire protection together with high flexibility is required. BJ201 consists of layers of flexible water resistant intumescent strip sandwiched between layers of flexible foam. During a fire the intumescent expands to create a fire resistant barrier crushing the foam and filling the gap with non combustible insulating material. The seal has flexibility to withstand vibration and other movement. It is of uniform depth, is simple to install, and is highly compressible. Seals supplied are thicker than nominal size to allow for compression when installing. For seismic gaps, fixing brackets are available.

FIRE RESISTANCE RATINGS

Fire tested to AS1530:4 (1997) AND BS476:22 (1984) penetrating floors. BS476:22 floor penetration tests by convention may apply to walls, floors being considered the more rigorous orientation.

BJ201-2-40	-/120/120	gaps up to 40mm
BJ201-2-60	-/120/120	gaps up to 60mm
BJ201-2-100	-/120/120	gaps up to 100mm
BJ201-1-130	-/60/60	gaps up to 130mm

AVAILABILITY

BJ201 in all sizes are normally available ex stock.

APPLICATION NOTES

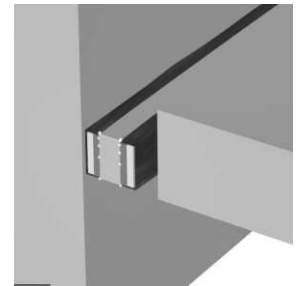
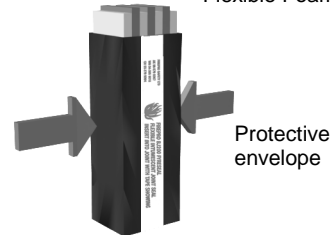
INSTALLATION FOR NON-SEISMIC GAPS. Select correct thickness of seal for gap. Note that actual width of seal is greater than nominal to allow for compression on fitting. BJ201 is supplied in 1 metre lengths for easy installation. Do not remove the protective cover. Before insertion any rough protrusions from gap surfaces should be knocked away to prevent snagging.

APPLICATION NOTES cont..

Install lengthways into gap, under compression, with label on seal visible. If necessary assist installation with slip sheets. Butt joints should be tight between seals and sealed with Firepro M707 Fire & Acoustic Sealant also ensure end gaps are sealed. "Z" or "L" bracket fixing is required where gap expansion or other disturbances such as seismic movement are anticipated. For gap sizes above 40mm the seal may be installed in any position in the floor or wall. For 40mm or narrower gaps install in the middle of wall or at least 40mm below the top of the floor.

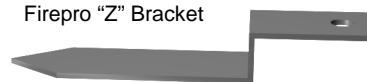
Intumescent Strip

Flexible Foam

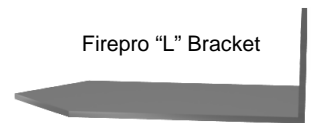


INSTALLATION FOR SEISMIC GAPS. Follow above instructions but also use the Firepro universal "Z" or "L" bracket mechanical fixing system.

Firepro "Z" Bracket



Firepro "L" Bracket



The bracket used should penetrate half way through the seal. A range of bracket sizes is available and these may be trimmed with tin snips where necessary. Three brackets should be used for each length - at centre and 100mm from each end of the BJ201 Fireseal Strip.

SIZES AVAILABLE

Code	Maximum Gap Size	Seal Depth	Seal Compressible to	Compression Available (within gap)	Uncompressed Seal Width	Z or L Bracket Size
BJ201-1-130	130mm	100mm	65mm	50.00%	157mm	60mm
BJ201-2-100	100mm	100mm	38mm	62.00%	124mm	35mm
BJ201-2-60	60mm	60mm	28mm	53.00%	90mm	25mm
BJ201-2-40	40mm	60mm	20mm	50.00%	62mm	25mm

NOTE: The technical information and suggestions for use and application presented herein represent the best information available to us and are believed to be reliable. They should not however be construed as controlling suggestions and there is no warranty of performance of our materials either expressed or implied. We urge that users of our materials conduct confirmatory tests to determine final suitability for their specific end uses. All dimensions are nominal. We reserve the right to make changes or to withdraw designs and products without notice.