

# FIREPRO

## FIRE PROTECTIVE BUILDING PRODUCTS

HEAD OFFICE: AUCKLAND (09) 579 0367  
WELLINGTON (04) 568 7086 • CHRISTCHURCH (03) 379 9364  
www.firepro.co.nz sales@firepro.co.nz

CI/SfB  
B212 DATASHEET - JAN07

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

## FIREPRO B212 FBS FIRE BARRIER STRIP FOR JOINTS & GAPS IN WALLS

Firepro B212 FBS is a highly flexible fire barrier strip providing up to 2 hours fire protection for walls.

Firepro B212 FBS does not require any overcoating to maintain fire resistance, and is easy to apply.

### FIRE PERFORMANCE

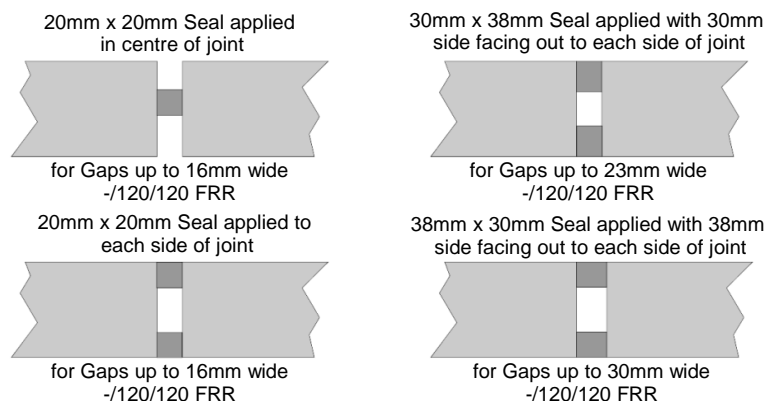
Fire tested to AS1530:4 (1997) and BS476:22.

### INSTALLATION

Firepro B212 FBS is easy and clean to install. Compressing it into a joint is a simple operation. For joints up to 16mm wide a single strip of 20mm x 20mm B212 FBS may be applied in the centre of the wall. Joints may be made by end butting the strip and overlaying the joint on one side with a 100mm length of strip pushed firmly against the joint. Alternatively joints may have Firepro M707 Fire Sealant 10mm deep and covering 20mm each side of the joint, applied to one side of the B212 FBS.

For larger joints up to 30mm wide and as an alternative to using one piece of B212 in the centre of the wall, Firepro B212 may be applied to both sides of the wall, as shown in the attached diagrams.

Ends of the B212 FBS Strip should be compressed 20% for the last 20mm to ensure a tight fit. Alternatively, cover the last 20mm with 10mm deep Firepro M707 fire & acoustic sealant.



### ACOUSTIC

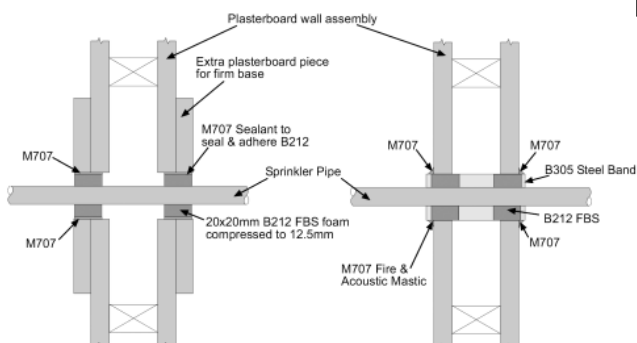
Application of Centabuild M755 Acoustic Sealant or Firepro M707 Fire and Acoustic Sealant will assist with noise control where this is required.

### SPRINKLER PIPE PROTECTION

A fire test was carried out for a specific project where a 5mm difference in compression and rising of a buildings walls could occur compared to the sprinkler pipes. The test was carried using 42.5 OD and 60.5 OD steel sprinkler pipes penetrating a single layer gypsum plaster board 1 hour fire rated wall. An extra piece of plaster board 150mm x 150mm was applied to each side of the wall to provide a firm base for the strip. The FBS strip was held in place using Firepro M707 Fire and Acoustic Sealant as an adhesive. The 20mm x 20mm B212 FBS strip was compressed to 12.5mm. An alternate installation using a Firepro B303 Steel Band instead of the extra pieces of board was also tested, which would simplify installation.

### LIMITATIONS

Firepro B212 FBS is not designed for outside use or exposure to sunlight. If required in these situations cover with Firepro M707 or Centabuild M752 sealant.



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.