

FIREPRO

CI/SfB

B215 DATASHEET - 1/3/2009

FIRE PROTECTIVE BUILDING PRODUCTS

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

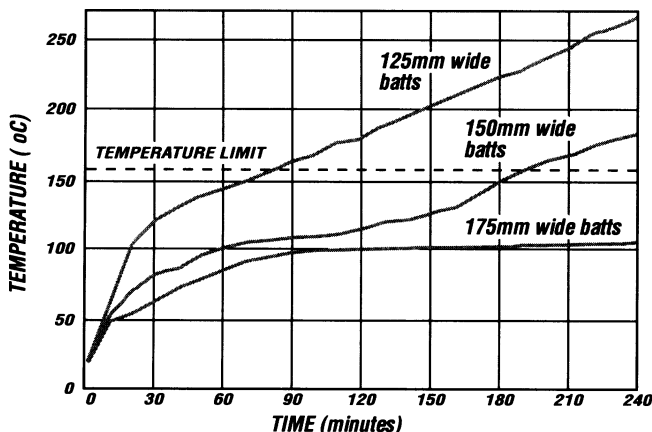
B215 FIRESEAL STRIP

- Compressible Firestopping.

B215 Fireseal Strips are primarily designed for filling the gap between the top of concrete or brick fire walls and the concrete beams or floor above. Fireseals are suitable for situations where they will remain at least 15% compressed and where they are fully supported from below.

SIZES 900mm x 128mm for 90 minute FRL
900mm x 150mm for 120 minute FRL
900mm x 165mm for 240 minute FRL

Available in thicknesses of 38mm, 50mm, 75mm and 100mm.



This graph was prepared from data recorded during a pilot furnace examination of the product conducted by the Commonwealth Experimental Building Station on 30 May 1975. It clearly indicates that the 165mm wide Fireseal Strip achieves better than 4 hour fire protection.

INSTALLATION

(A) Seals are compressed a minimum of 15% by hand and inserted into gap. The narrow faces of the strip should face outwards. Gloves should be worn to prevent skin irritation.

(B) Ends must be firmly butted up against each other with "v" cut joints recommended where practical.

(C) If inserted at the top of a concrete block wall, the top line of blocks must be fully grouted.

NON-COMBUSTIBLE

Fireseal Strip achieves Non-Combustible Rating when tested in accordance with Australian Standard 1530:1 1976: "Combustibility Test of Materials".

FUSION TEMPERATURE

In excess of 1,160°C (2,120°F).

ALKALINITY

Fireseal Strips are faintly alkaline (pH 7.0 to 7.5) and have no corrosive action on metal surfaces.

THERMAL CONDUCTIVITY

0.034 W/m at 20°C (0.24 Btu.in/ft²h°F at 68°F).

MOISTURE RESISTANCE

Fireseal Strips show less than 0.2% moisture absorption by volume after 4 days exposure to conditions of 50°C (122°F) and 95% rh. The fire-protective function of these products is not affected by saturation with water, provided they are not displaced from the installed position.

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.