

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
 B109 DATASHEET - JAN07

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

FIREPRO B109 INSULATING INTUMESCENT PIPE SLEEVES

Ideal for Plaster Board Walls

Firepro B109 Insulating Intumescent Pipe Sleeves maintain the fire-rating of walls and floors penetrated by plastic or metal pipes. They are especially useful where insulation continues uninterrupted through fire-rated floors and walls. The sleeves consist of an intumescent fire stopping and insulation pipe section placed around the pipe where it penetrates a fire rated floor or wall. The B109 sleeve can be quickly and simply fitted on to a pipe and slid into the penetration without the need of support, no steel band is required in plaster board walls. To retrofit the B109 pipe sleeve may be slit along its length, fitted around the pipe and the joint sealed with self-adhesive foil tape. When a fire occurs the B109 sleeve expands to fill the space between the pipe and the penetration. It will crush plastic pipes and close off the pipe forming a solid core preventing the passage of fire and smoke. B109 is supplied in 300mm lengths that can be cut to the required length with a knife.



FIRE TESTING

B109 Insulating Intumescent Pipe Sleeves are fire tested to BS476.20:22 1987 with both pipe ends capped to simulate a continuous run of pipe.

PIPES PENETRATING FLOORS

	Concrete Floor	Concrete Floor
PVC		
		100mm thick
		140mm thick
Upt o 82mm Dia. pipe with B109 - 190mm long		-/60/60
110mm Dia. pipe with B109 - 190mm long		-/60/60
160mm Dia. pipe with B109 - 140mm long		-/60/60
POLYBUTYLENE		
12mm to 28mm Dia. pipe with B109 - 140mm long		-/60/60
COPPER		
12mm Dia. pipe with B109 - 140mm long		-/60/60
Up to 158mm Dia. pipe with B109 -140mm long		-/60/15
160mm Dia. pipe with B109 - 140mm long		-/60/-
STEEL		
12.5mm Dia. pipe with B109 - 140mm long		-/60/60
Up to 165mm Dia. pipe with B109 - 140mm long		-/60/15

PIPES PENETRATING WALLS

	Brick or concrete wall 100mm thick or 1 Hour fire-rated Gypsum Plasterboard wall.	Brick or concrete wall 140mm thick or appropriate period fire-rated plasterboard wall.
PVC		
Up to 55mm Dia. Pipe with B190 - 160mm long	-/60/60	-/120/120
Up to 110mm Dia. Pipe with B190 - 182mm long	-/60/60	-/120/120
160mm Dia. Pipe with B190 - 182mm long	-/60/60	-/120/117
POLYBUTYLENE		
12mm Dia. pipe with B109 - 132mm long	-/60/60	-/120/120
15mm Dia. pipe with B109 - 132mm long	-/60/60	-/120/114
21mm Dia. pipe with B109 - 132mm long	-/60/60	-/120/120
28mm Dia. pipe with B109 - 132mm long	-/60/60	-/120/120
COPPER		
12mm Dia. copper pipe with B109 - 132mm long	-/60/60	-/120/120
Up to 160mm Dia. copper pipe with B109 - 132 long	-/60/15	-/120/15
STEEL		
Up to 22mm Dia. Pipe with B109 - 132mm long	-/60/60	-/120/120
Up to 165mm Dia. pipe with B109 - 132mm long	-/60/60	-/120/15

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.