

Fire Testing Certificate

*This is to certify that the product(s) described below were tested and assessed by
Firelab Pacific Limited (LANZ Accreditation Number 675)
in accordance with AS 1530.4-1997, AS 4072.1-1992, and BS 476:Part 22:1987 on behalf of*

Firepro Systems Limited
8 Botha Rd
Penrose
Auckland
New Zealand

Certificate Issued: July 2000

Certificate Number: 55467

Product Name: Firepro B306-32, -40, -50, -65, -80, -100, -150.

Product Description: A floor-fitted intumescent pipe wrap for protecting a uPVC pipe penetration. A standard Firepro B306 intumescent pipe wrap is inserted into a hole flush with the bottom of the floor slab and sealed at the pipe/floor joint on the top of the floor with Firepro M707 fire and acoustic sealant.

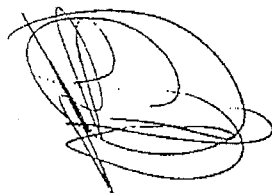
The floor is a normal weight reinforced concrete floor of thickness dependent on FRL required.

Tests Performed: 14 December 1998, 22 December 1998, 22 May 2000, 21 June 2000.

For the purpose of the Building Regulations in Australia and New Zealand this product achieved the following Fire Resistance Level (FRL).

Fire Resistance Level:	Floor at least 120mm thick: -/240/120 (sizes 40, 50, 65, 80)	-/120/120 (sizes 32, 100, 150)
	Floor at least 150mm thick: -/240/180 (sizes 40, 50, 65, 80)	
	Floor at least 170mm thick: -/240/240 (sizes 40, 50, 65, 80)	

The complete report can be obtained in Firelab Pacific Limited test numbers 31198, 31240, 31315 and 31327 and assessment 88460.



John Dibley
Firelab Pacific Limited
PO Box 12-907, Penrose, Auckland, New Zealand.



International Accreditation New Zealand (IANZ) has a Mutual Recognition Agreement (MRA) with the National Association of Testing Authorities, Australia (NATA), such that both organisations recognise accreditations by IANZ and NATA as being equivalent. Users of test reports/certificates are recommended to accept test reports/certificates in the name of either accrediting body.

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Firepro Systems Limited
8 Botha Rd
Penrose
Auckland
New Zealand

Certificate Issued: July 2000

Certificate Number: 55464

Product Name: Firepro B306-40, -50, -65, -80, -100, -150.

Product Description: A wall-fitted intumescent pipe wrap for protecting a uPVC pipe penetration. A standard Firepro B306 intumescent pipe wrap has a steel band surrounding it, and is inserted into a hole and sealed at the band/wall joint on each side of the wall with Firepro M707 fire and acoustic sealant.

The wall is a plasterboard wall with a fire rating of at least -/120/120 using light weight steel or timber framing.

Tests Performed: 2 May 2000, 25 May 2000.

The product(s) satisfied the following criteria for fire-resistance for the periods stated:

Structural Adequacy: Not applicable.

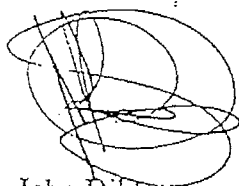
Integrity: No failure at 120 minutes.

Insulation: No failure at 120 minutes.

For the purpose of the Building Regulations in Australia and New Zealand this product achieved the following Fire Resistance Level (FRL).

Fire Resistance Level: -/120/120

The complete report can be obtained in Firelab Pacific Limited test numbers 31296 and 31297 and assessment number 88458.



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