

	SERVICE PENETRATION SYSTEM CERTIFICATE NO.	FG4 Version 3.0
	WARNING: This certificate may only be reproduced in full	
	SYSTEM NAME: PROMASEAL ACRYLIC SEALANT CONTROL JOINT	DATE ISSUED: June 1996 EXPIRY DATE: 30 June 2008
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1. SCOPE

The service penetration fire protection system described below has been appraised against Certifire schedules [CA001](#), [CA002](#), and [CA021](#). These schedules require that the FRLs of the system have been established in accordance with the BCA provisions and that the products are manufactured/supplied under an independently audited quality management system.

2. FIELD OF APPLICATION

This certificate relates to the use of Promaseal Acrylic Sealant to protect control joints in solid normal weight or light weight concrete walls and floors, and in light weight concrete block walls.

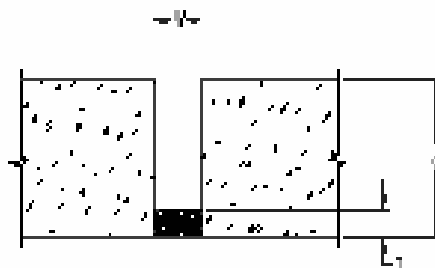
The Fire Resistance Levels (FRLs) of the Promaseal Acrylic Sealant systems established in accordance with the BCA provisions and relevant Certifire schedules are given in Table 1.

Table 1: Performance of Promaseal Acrylic Sealant Control Joint Systems

The Fire Resistance Levels (FRLs) represent (Structural adequacy / Integrity / Insulation) in minutes.

Joint Configuration	Fire Resistance Levels (min.) Structural Adequacy /Integrity /Insulation	Max. joint width w (mm)	Min. sealant thickness T (mm)	Min. wall / floor thickness d* (mm)	
Fire side only	-/120/120	53	20	120	
		40	20	(110)	
		30	15		
		25	12		
		20	10		
	-/180/180	10	10	150	
		53	20	(135)	
		40	20		
		30	15		
		25	12		
	-240/240	20	10	170	
		10	10	(160)	
		53	20		
		40	20		
		30	20		
		25	20		
		20	20		
		10	20		

Installation details



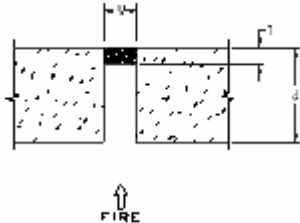
SEAL APPLIED TO FIRE EXPOSED FACE ONLY

SYSTEM FG4/1

Note: * Values in brackets refer to the minimum thickness for concrete block walls.

3. DESCRIPTION OF COMPONENTS

F1 Promaseal Acrylic Sealant is a flexible intumescent water based gunnable sealant and is supplied in 300ml cartridges, 600ml sausages and 10 litre pails

Joint Configuration	Fire Resistance Levels (min.) Structural Adequacy /Integrity /Insulation	Max. joint width w (mm)	Min. sealant thickness T (mm)	Min. wall / floor thickness d* (mm)
Fire side or non-fire side only	-/240/180	20	10	157
<p>Installation details</p>  <p style="text-align: center;">SEAL APPLIED TO NON FIRE EXPOSED FACE ONLY</p> <p style="text-align: center;">SYSTEM FG4/2</p>				

Notes: * Values in brackets refer to the minimum thickness for concrete block walls.

COMPONENTS:

F1 Promaseal Acrylic Sealant

4. INSTALLATION SUMMARY

- Compatible separating elements:
- Solid normal weight concrete floor or walls.
- Light weight concrete floors and walls.
- Light weight concrete block walls.
- Surfaces on which the mastic is to be applied shall be clean and dust free. It is important that the seal depth to width ratio as listed on this data sheet is maintained in order to achieve the require fire resistance levels.
- See manufacturers installation instructions for further details.
- It is recommended that the systems described in this certificate are installed by a Certifire listed Fire Protection Contractor certified in the appropriate category and that the installation be required to be labelled with a Certifire Label.

5. SERVICEABILITY DATA

Resistance to water - No data presented.

Flexibility - No data presented.

6. HEALTH AND SAFETY

Health and Safety data sheet ref. 110314 can be obtained from the supplier.

7. SUPPORTING DATA

Test report no.	F91608	Test date:	9 January 1995
	F91609		10 January 1995
Assesment report no	C91336	Date:	3 March 1994

8. CONTACT DETAILS

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9. INFORMATION ON CERTIFIRE

Certifire Australia is an independent, authoritative body providing a certification scheme for passive fire protection systems, suppliers and contractors.

For further information contact Certifire Australia.

Certifire Australia takes direction from the Certifire Advisory Panel which has been constituted with balanced representation from all sectors of the industry.

NOTE: This system certificate should be read in conjunction with Certifire schedules [CA001](#), [CA002](#) and [CA021](#). The BCA requires that FRL's are based on tests performed in accordance with AS1530.4-1990 or a similar/more severe test. It should be recognised that a single test method will not provide a full assessment of the performance of a system or fire hazard under all fire conditions.

Reviewed by	Approved by
Rick Fox National Technical Manager PROMAT AUSTRALIA PTY LTD	G J Evans Chief Executive Officer CERTIFIRE PTY LTD