

Sponsor name	Sabre Adhesives	Document no	FAS220122-B SOA1.0
Sponsor address	40-42 Cambridge Street South, Lenin 5510, New Zealand		
Issue date	26 September 2022	Expiry date	30 September 2027

Description of assessed systems

The assessed systems consist of control joints in walls and floors protected with Sabre Seal FRA fire retardant sealant. The scope of the assessment includes the fire resistance performance of the described systems in accordance with AS 1530.4:2014 and AS 4072.1:2005.

Assessed system performance

The element of construction described above was assessed by this laboratory on behalf of the report sponsor in accordance with the stated test standard in Table 1 and achieved the results outlined in Table 2. A complete description of the assessed construction can be found within the referenced assessment report.

Table 1 Test standard and assessment report details

Referenced report	Test standard	Referenced report issue date	Referenced report expiry date
FAS220122-B R1.0	AS 1530.4:2014	26 September 2022	30 September 2027

Table 2 Formal assessment outcome for linear joints in walls and floors protected with Sabre Seal FRA fire retardant sealant

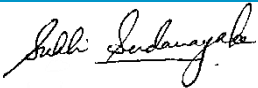

Separating element	Orientation of control joint	Maximum width of sealant	Application side	FRL
Minimum 250 mm thick concrete, masonry or AAC walls with minimum nominal density of 475 kg/m ³	Vertical or horizontal	Up to 50 mm	Both exposed and unexposed sides	-/300/300
Minimum 250 mm thick concrete or AAC floors with minimum nominal density of 475 kg/m ³	As tested in EWFA 43878800a.1	Up to 12 mm	Both exposed and unexposed sides	-/240/180
		From 12 mm to 30 mm	OR	-/240/90
		From 30 mm to 50 mm	Unexposed side only	-/180/90

Note:

- The depth of the applied sealant must be half of the width of the linear joint. This means that the width-to-depth ratio must be maintained at 2:1.
- Sealant must be applied to be flush with the surface of the separating element.
- Open or closed cell backing rods can be used interchangeably to control the depth of the applied sealant.
- The separating element must have an established FRL as tested or assessed by an accredited testing laboratory (ATL). The assessed FRL for any control joint will be the lower of the FRL given in this table or the established FRL of the separating element.

Conditions / validity

- This document is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.
- The main assessment report must be provided for regulatory requirements and evidence of compliance.
- Reference should be made to the relevant assessment report or regulatory information report to determine the applicability of the test result to a proposed installation. Full details of the constructions and justification for the conclusions given, along with the validity statements, are given in the assessment reports.
- The results of the assessment report may be used to assess fire resistance, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.
- All work and services carried out by Warringtonfire Australia are subject to and conducted in accordance with our standard terms and conditions. These are available on request or at <https://www.element.com/terms/terms-and-conditions>.

Testing authority	Warringtonfire Australia Pty Ltd	
Address	409-411 Hammond Road, Dandenong South, VIC 3175	
Phone	T: +61 (0)3 9767 1000	
ABN	81 050 241 524	
Email	info.fire.melbourne@warringtonfire.com	
Authorisation	Prepared by:	Reviewed by:
		
	Sukhi Sendanayake	Omar Saad