



# Fire Test Certificate

This is to certify that the specimen described below has been examined by BRANZ Ltd on behalf of

BOSS Fire and Safety Pty Limited  
Unit 8/15-23 Kumalla Road  
Caringbah  
NSW 2229  
Australia

**Test standard:** AS 1530.4-2005  
**Specimen name:** BOSS Fire and Safety Pty Limited FIREMASTIC, FIRECOUSTIC and DAMPERLOC Linear Gap Seal

**Specimen description:**

A one part intumescent acrylic emulsion used as a linear gap seal for use as follows:

- Masonry to masonry
- Masonry to steel, where the steel remains rigid.
- Masonry to timber, where the timber remains rigid.
- General sealant around the perimeter of timber and steel framed plasterboard walls
- Sealant around the perimeter of intumescent dampers.

**Orientation:** Fire exposure from either side in walls and underside of floors.

**Limitation:** This applies to fire performance only. No structural or serviceability performance given herein.

**A full description of the test specimen and the test results are given in the following Test Reports and Assessments:**

BRANZ Fire Assessment Report FAR 3821

Conditions of laboratory registration by IANZ do not allow assessments by the Registered Laboratory to be covered by IANZ.

**Regulatory authorities are advised to examine test reports before approving any product.**

**The assessed results were as follows:**

At Least 250 mm Thick Masonry Walls	Table 1
At Least 250 mm Thick Masonry/Mild Steel Wall Gap	Table 2
At Least 250 mm Thick Masonry Floor Gap	Table 3
At Least 100 mm Thick wall, 20 mm gap, Masonry, Masonry/timber, Masonry/mild steel	Table 4
At Least 150 mm Thick floor, 20 mm gap Masonry, Masonry/timber, Masonry/mild steel	Table 5
At Least 100 mm Thick wall, 50 mm gap, Masonry, Masonry/timber, Masonry/mild steel	Table 6
At Least 150 mm Thick floor, 50 mm gap Masonry, Masonry/timber, Masonry/mild steel	Table 7
General sealant around perimeter of plasterboard walls, not greater than 20 mm gap, FRL as wall.	
Intumescent dampers face fixed or in-line with wall, FRL as damper.	

**This Certificate issued:** 24 January 2012

**Certificate Number:** 574

**Expiry Date:** 24 January 2022

E Soja  
For BRANZ Limited



This Laboratory is accredited by International Accreditation New Zealand (IANZ). The tests reported herein have been performed in accordance with the laboratory's scope of accreditation.

IANZ has a mutual recognition agreement with the National Association of Testing Authorities, Australia (NATA) such that both organisations recognize accreditations by IANZ and NATA as being equivalent. Users of test certificates are recommended to accept test certificates in the name of either accrediting body.





**'Table 1: 250 mm Thick Masonry Wall Gap**

<b>Gap Width mm</b>	<b>Seal Depth mm</b>	<b>Integrity min</b>	<b>Insulation min</b>
5	10	300	300
10	10	300	300
15	10	300	300
20	10	300	300
25	15	300	215
30	15	300	215
35	25	300	214
40	25	300	214
45	25	300	214
50	25	300	214

**Table 2: 250 mm Thick Masonry/Mild Steel Wall Gap**

<b>Gap Width mm</b>	<b>Seal Depth mm</b>	<b>Integrity min</b>	<b>Insulation min</b>
5	15	300	91
10	15	300	91
15	15	300	91
20	15	300	91
25	15	300	91
30	15	300	91

**Table 3: 250 mm Thick Masonry Floor Gap**

Gap Width mm	Seal Depth mm	Integrity min	Insulation min
5	10	300	133
10	10	300	133
15	10	300	133
20	10	300	133
25	15	300	66
30	15	300	66
35	20	300	66
40	20	300	66
45	25	300	214
50	25	300	214

**Table 4: Wall Mounted Specimens (100 mm thick wall)**

Gap Width mm	Seal Depth mm	Gap faces	Integrity min	Insulation min
20	10	Masonry	137	51
20	10	Masonry/timber	33	24
20	10	Masonry/mild steel	179	28

**Table 5: Floor Mounted Specimens (150 mm thick floor)**

Gap Width mm	Seal Depth mm	Gap faces	Integrity min	Insulation min
20	10	Masonry	240	53
20	10	Masonry/mild steel	240	41
20	10	Masonry/timber	35	36

The results given above apply to a maximum 20 mm wide x 10 mm deep seal and any lesser gap width.



**Table 6: Wall Mounted Specimens (100 mm thick wall)**

<b>Gap Width mm</b>	<b>Seal Depth mm</b>	<b>Gap faces</b>	<b>Integrity min</b>	<b>Insulation min</b>
50	25	Masonry/timber	53	53
50	25	Masonry/mild steel	55	42
50	25	Masonry	144	66

**Table 7: Floor Mounted Specimens (150 mm thick floor)**

<b>Gap Width mm</b>	<b>Seal Depth mm</b>	<b>Gap faces</b>	<b>Integrity min</b>	<b>Insulation min</b>
50	25	Masonry	240	103
50	25	Masonry/mild steel	240	97
50	25	Masonry/timber	57	57

The results given above apply to a maximum 50 mm wide x 25 mm deep seal and any lesser gap width.