



# Soudaseal<sup>®</sup> FR

## TESTING SUMMARY

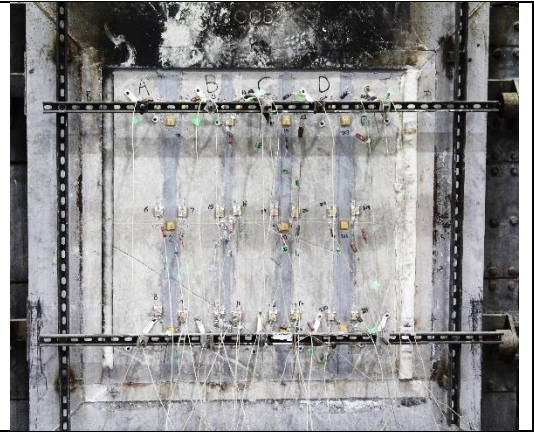


## AIM

To test Soudaseal® FR's performance under New Zealand conditions as a passive fire jointing sealant on 'mass' concrete ranging from 120mm-165mm thick.

### TESTING

Testing was done by Fire TS Labs in accordance with AS 1530.4 (2014) and AS 4072.1 (2005) to confirm this product meets New Zealand and Australian requirements. It was exposed to all weather and New Zealand climate conditions (including high UV) prior to being fire tested.



### FINDINGS

When tested on 10mm-40mm wide joint configurations, Soudaseal® FR produced the following fire resistance level (FRL) results:

Panel Thickness		Position	
		Vertical (up to)	Horizontal (up to)
120mm	FRL	- / 180 / 150	- / 180 / 180
150mm	FRL	- / 240 / 240	- / 180 / 150
165mm	FRL	- / 240 / 240	- / 240 / 240

### SUMMARY

- Soudaseal® FR meets AS 1530.4 (2014) requirements for New Zealand and Australia.
- Soudaseal® FR provides passive fire protection in 'mass' concrete panels 120mm- 200mm thick (*see prior testing*).
- Soudaseal® FR provides passive fire protection for linear joints that are 10mm-40mm wide when constructed in accordance with the test report.

Note: This summary does not replace the fire testing reports that are required to fully assess this product's suitability for linear jointing under fire load.