



FireCrunch FRL 30/30/30 TO 90/90/90 -  
SINGLE LAYER FCA 10mm

FireCrunch tested by the CSIRO FIRE TEST FACILITY

## FRL 30/30/30 to 90/90/90

NATA Labs Australia Fire Tested Systems **AS1530.4** and more

**NOTE:** FCA ref, is FireCrunch Australia



[firecrunch.com.au](http://firecrunch.com.au)



# FIRECRUNCH TESTED BY THE CSIRO FIRE TEST FACILITY

## CSIRO BUSH FIRE SIMULATION

AT /RFFS MOGO NSW



 FIRE TESTED BY NATA / CSIRO & OTHERS

**FRL 90/90/90**      **1 x 10 PER SIDE**  
**FRL 120/120/120**    **2 x 10 PER SIDE**

Australian Tested AS/1530.4, AS/1530.8.2 BAL FZ FRL 30/30/30  
 Fire Suppression Systems

Fire ratings and FRL 10mm FIRE BOARD

Fire resistance is measured to fire testing standards set by the  
 BCA ( Building Code of Australia) Known as FRL ( Fire Resistant Level )

firecrunch.com.au



FIRE TESTED BY NATA / CSIRO & OTHERS 

For more information please **call today: 1300 933 102** e: [sales@firecrunch.com.au](mailto:sales@firecrunch.com.au)

# FIRECRUNCH TESTED BY THE CSIRO FIRE TEST FACILITY



FireCrunch test frame CLADDING before connection to the FURNACE.  
**CSIRO FIRE TESTING CENTRE NORTH RYDE NSW**

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Tests are rated in "load bearing" which are shown in three figures ,and tests in Non load bearing shown as 2 figures.

FRL ( Fire Resistance Level) Load bearing FRL 60/60/60 or Non load bearing FRL ..../60/60

**What do these figures mean**

- (1st) 60 minutes for structural adequacy
- (2nd) 60 minutes for material integrity
- (3rd) 60 minutes for insulation & temperature

The test needs to demonstrate that the unexposed side of the fire wall facing into the next door apartment will not exceed a temperature of 140 deg c (average or 180 deg c at any one point) plus ambient.

FRL 90/90/90 FireCrunch's fire tested capability varies with density of fire batt insulation used and the following are the CSIRO Tested and other Assessed formulas . Higher density are more expensive so FireCrunch allows you to set the batt cost to the FRL required .

FireCrunch IS A REGISTERED BUSINESS NAME OWNED BY FIRECRUNCH AUSTRALASIA PTY LTD AND, REGISTERED WITH THE AUSTRALIAN SECURITIES AND INVESTMENTS COMMISSION CANBERRA ACT. (2016)

Bush fire to BAL FZ (low requirement for FireCrunch)  
FRL 30/30/30 10mm FireCrunch each side of frame plus R 2.0 Fire batt.

Boundary walls and some fire separation walls  
FRL 60/60/60 10mm FireCrunch each side of frame plus R 2.5 Fire batt .

Higher FRL requirements in hi rise Residential buildings etc.

FRL 90/90/60 10mm FireCrunch each side of frame plus R 2.5 Fire batt.

FRL 90/90/90 10mm FireCrunch each side of frame plus fire batt R2.5 (\*\*FRL 120/120/120 DTS/NCC ask us).

Acoustics (Rw) and Fire (FRL) are the two important essentials in fire separation walls. Acoustics with FireCrunch 10mm will perform at a minimum of Rw 62 plus ctr, 52 using minimum R2.5 / 32 kg fire insulation batts in discontinuous double stud steel frame fire separation walls. Ask for CSIRO test certificates.

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