

FireCrunch Party Wall - Single 19mm Sheet  
Install using 19mm K-Fire TG SL4  
4 sided TG, eliminates butt joints  
Sheet Size 2700 x 600mm

## K-FIRE 19 SL4 SHAFT LINER SYSTEM

Party Wall: Systems are designed to provide a separating fire wall and acoustic Rw50 construction between adjacent buildings or tenancies in Class 1 to Class 10 buildings.

NATA Labs Australia Fire Tested Systems AS1530.4/2014-2029  
CSIRO and more

Acoustic Rw62 + Ctr = 52  
FRL .../60/60 (timber frame) non load bearing  
FRL 90/90/90 (steel frame) load bearing



FIRE PROOF



FLOOD PROOF



IMPACT RESISTANT



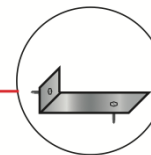
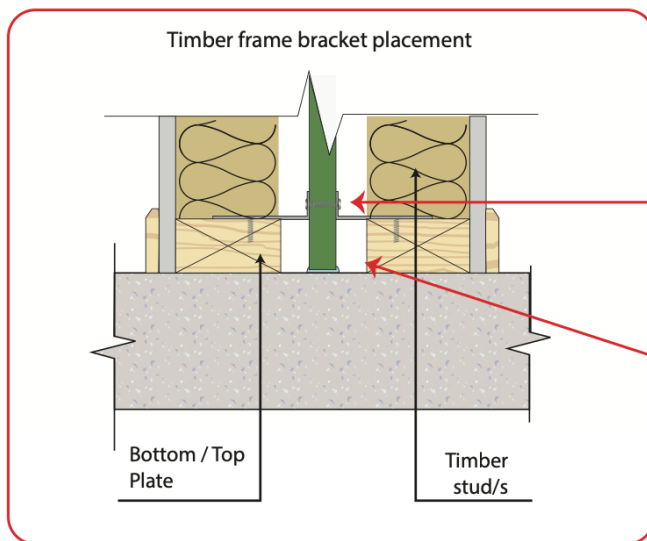
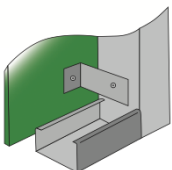
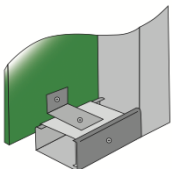
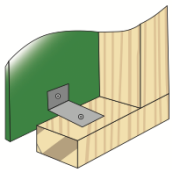
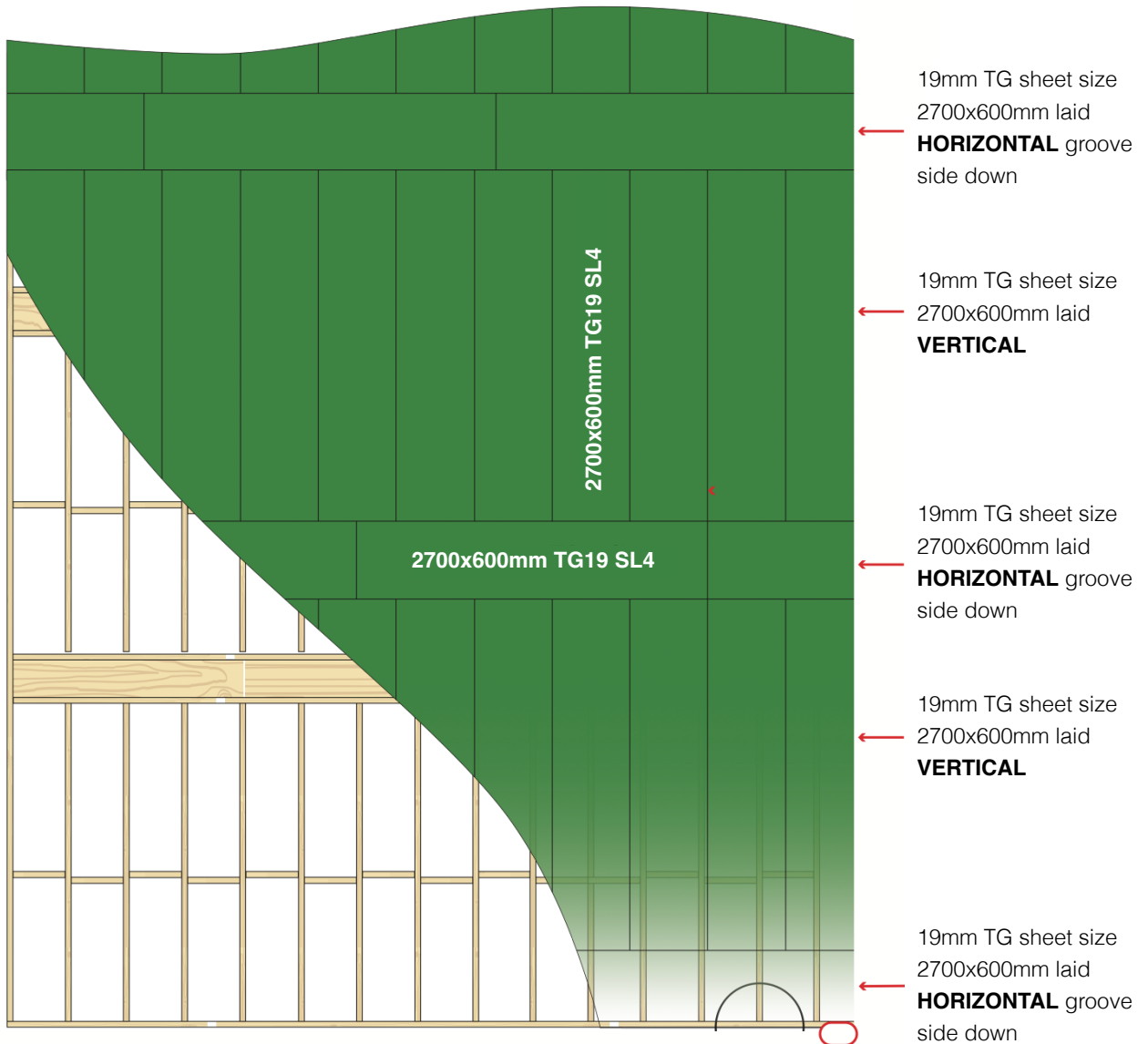
TERMITE PROOF



MOULD & BACTERIA PROOF



# FIRECRUNCH K-FIRE 19 SL4 SHAFT LINER FIRE PARTY WALL (4-sided TG)



**Aluminium Stud  
Bracket size 45x75mm  
1.60 BMT**

**Bottom Plate**



## NEW FIRECRUNCH SHAFT LINER K-FIRE 19 SL4 (4-sided TG)

### LESS TIME, MONEY, MATERIALS AND INCREASES THE ROI

FireCrunch K-Fire 19 SL4 Shaft Liner FRL 90/90/90 to 120/120/120 is a fast easy and lightweight discontinuous fire wall. RW52 net Ctr acoustic fire wall system for applications in party walls, common walls, fire separation walls between townhouses, units and apartments.

Unlike other party wall systems, the **FireCrunch Shaft Liner has only three components.**

FireCrunch SL4 is a non organic composite cladding, no tree destruction for plasterboard paper linings. Replaces heavily CO2 pollutive Fyrchek plasterboard and **at a lower price.**

It is impervious to weather, rain, etc. until roof cover is on and won't degrade in water at all unlike plasterboard.

**Compares directly with CSR, Boral and Hebel fire walls at a far better rate while using a high carbon capture tree-friendly cladding and 19mm shaft liner product, MgSO4, and not heavy CO2 pollutive 25mm Fyrchek or similar.**

FireCrunch helps meet good citizen, new federal Government guidelines for 2030 in diversion to low CO2 products.

### NO SPECIAL EXPENSIVE SUPPORT EQUIPMENT

#### NATA Labs tested products

**AS1530.1, AS1530.4, AS3837, AS5637, AS717.1, AS4964**

- ★ No cranes
- ★ No gantries
- ★ No H stud joiners
- ★ No U track
- ★ No extra hard to fix 16mm Fyrchek fire protection overlap at floor and truss junctions
- ★ No special cementitious glues or compounds
- ★ Our unique self-fitting 4-sided TG board fixes in half the time

Lock the system in place with our special **SL19 aluminium brackets, which FireCrunch supplies** for the correct placement of the boards. The fast set TG fire joints are gun-in sealed with standard AS1530.4 fire rated sealant using regular off-the-shelf screws which are all **available from your local trades supplier.**

FireCrunch K-Fire 19 Shaft Liner is a lightweight, fast-to-install, easy to understand system which will **save** you time, resources, on-site labour and most importantly, **money.** See *Cost Comparison* below.

The K-19 system will improve your time management on-site and improve your bottom line.

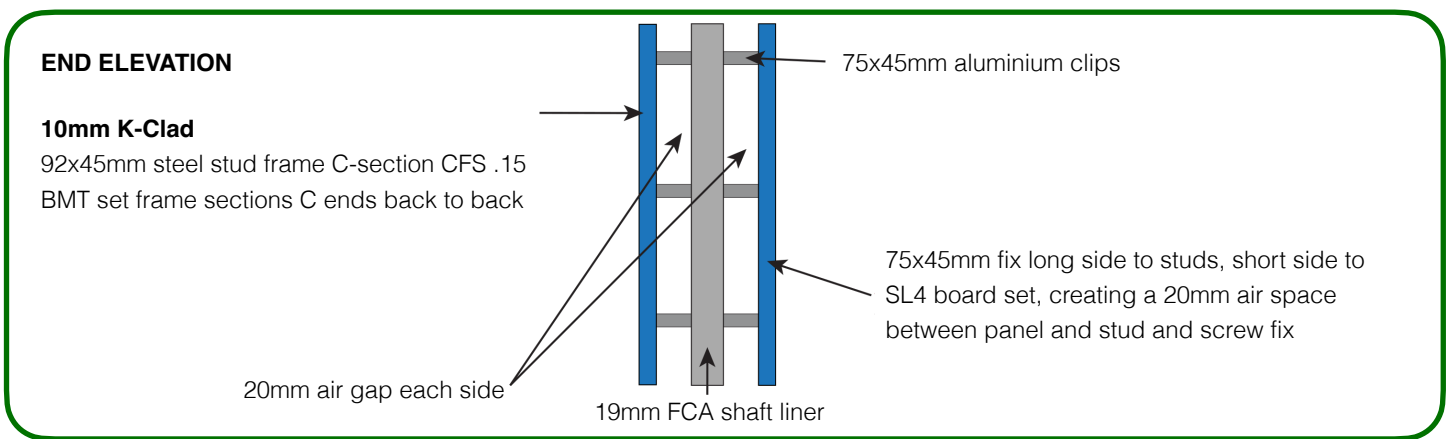
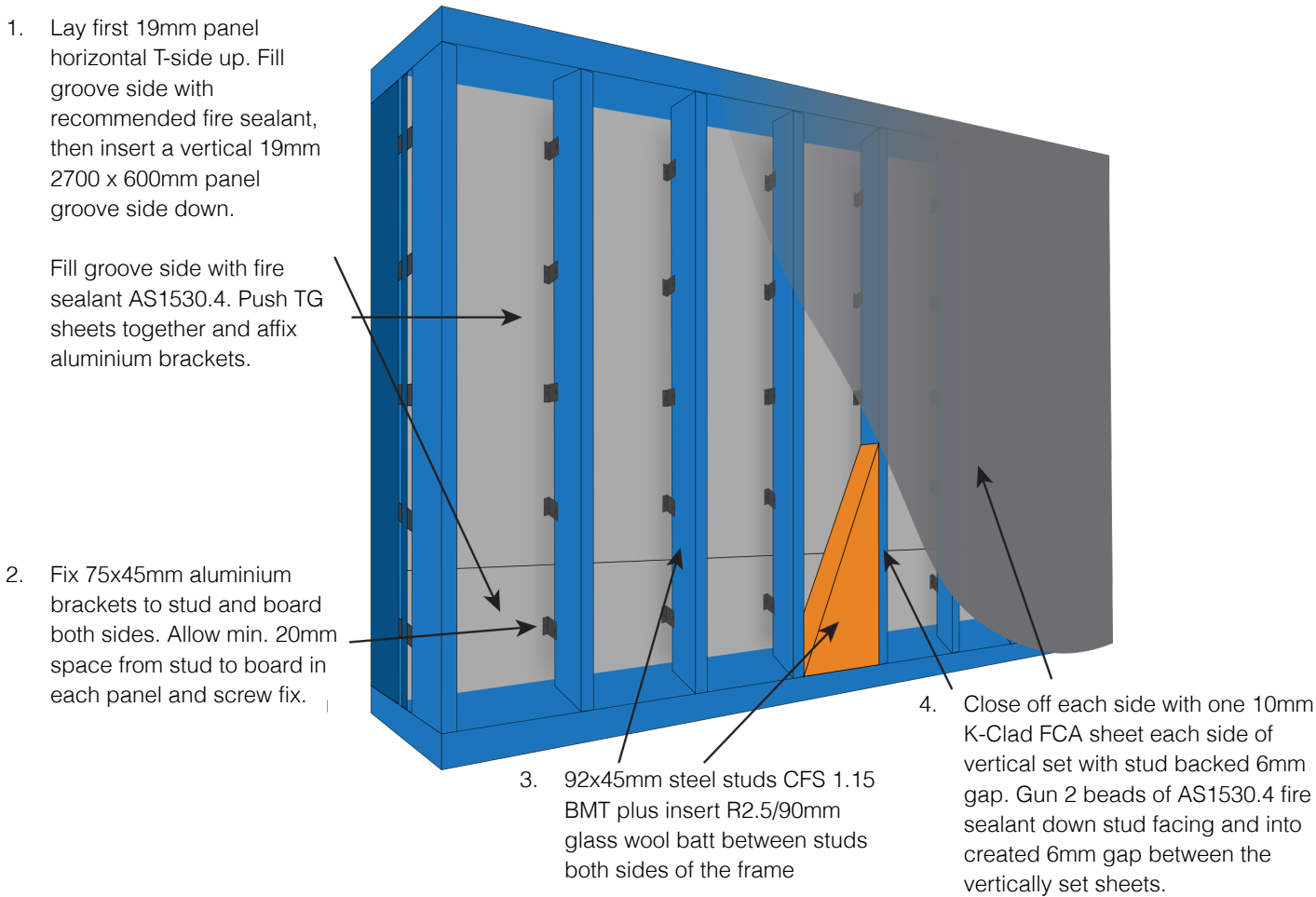
FireCrunch is fully tested by NATA certified labs in Australia and approved for use in all party wall fire applications. And, it is acoustic Rw52 net of Ctr to FRL 60, 90 and 120 minutes.

---

FireCrunch is a registered business name owned by X-Fire International P/L and licensed to FireCrunch Australasia P/L ABN 37 620 875 041 - an ASIC registered Australian Corporation

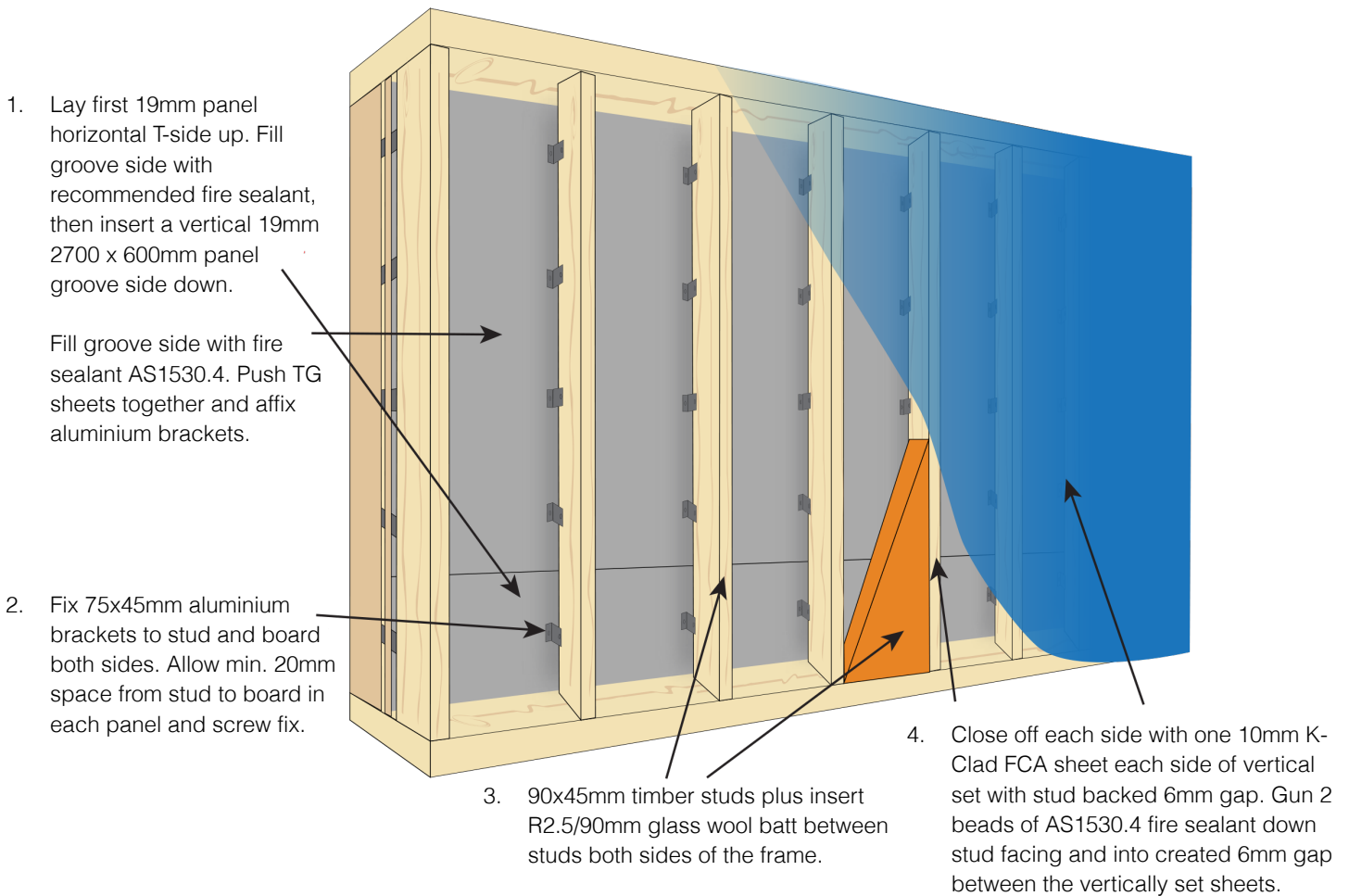
# FIRECRUNCH K-19 SL4 SHAFT LINER STEEL FIRE WALL SYSTEM FRL 90/90/90

- ★ Fire wall SL19/TG4 TG19 2700x600mm (4 sided Tongue & Groove)
- ★ NATA Labs tested and assessed AS1530.4 FRL 60/60/60
- ★ Non load bearing hi rise intertenancy fire wall acoustics Rw62 net Ctr52
- ★ Fast vertical and horizontal set shaft liner requires no U track, base track, side track or H studs.
- ★ Uses lighter 19mm TG and just 1x 10mm K-Clad each side for FRL .../60/60.
- ★ No top drop-in 25mm plaster board sheets required which are subject to water damage until roof is on, as in semi detached or party wall townhouses.
- ★ FCA MgSO4 is also impervious to water or flooding 259mm wide double stud discontinuous.

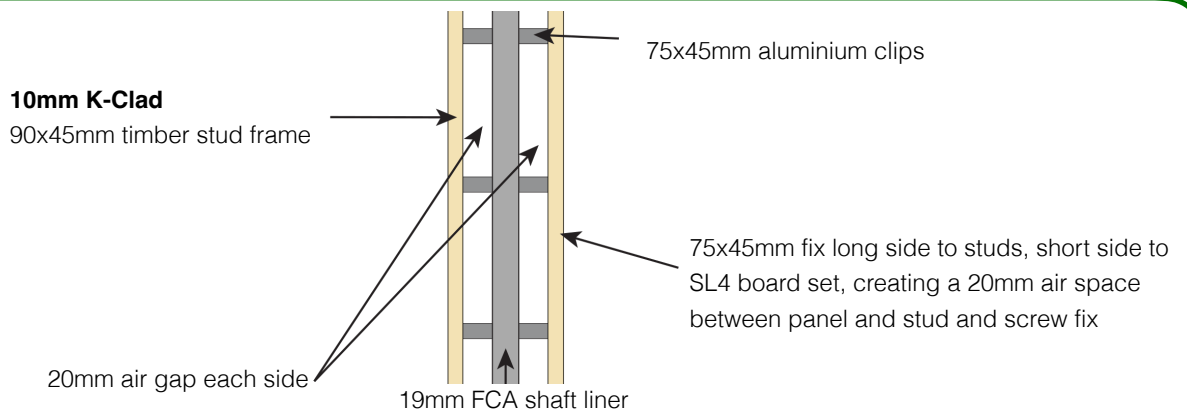


## FIRECRUNCH SHAFT LINER TIMBER FRAME (AS1530.4-2014)

- ★ Firewall SL19/TG4 TG19 2700x600mm (4 sided Tongue & Groove)
- ★ NATA Labs tested and assessed AS1530.4 FRL 60/60/60
- ★ Non load bearing hi rise intertenancy firewall acoustics Rw62 net Ctr52
- ★ Fast vertical and horizontal set shaft liner requires no U track, base track, side track or H studs.
- ★ Uses lighter 19mm TG and just 1x 10mm K-Clad each side for FRL .../60/60.
- ★ No top drop-in 25mm plaster board sheets required which are subject to water damage until roof is on, as in semi detached or party wall townhouses.
- ★ FCA MgSO4 is also impervious to water or flooding 259mm wide double stud discontinuous.



### END ELEVATION



# Cost Comparison 2024 - Fact Sheet FCA

FIRECRUNCH SHAFT LINER K-FIRE 19 vs. CSR, BORAL & HEBEL  
 using faster, simpler construction AS1530.4 NATA/CSIRO

**BASED ON A 12m LONG 80m2 FIRE WALL GROUND LEVEL**

Hebel 8 hrs x 2 men @\$65/hr	\$1040
CSR/Boral 8 hrs x 2 men @ \$65/hr	\$1040
<b>FireCrunch 4 hrs x 2 men @ \$65/hr</b>	<b>\$520</b>

## 1st FLOOR

Hebel 12 hrs x 2 men @\$65/hr	\$1560
CSR/Boral 10 hrs x 2 men @ \$65/hr	\$1300
<b>FireCrunch 4 hrs x 2 men @ \$65/hr</b>	<b>\$520</b>

## TRUSS ZONE

Hebel 8 hrs x 2 men @\$65/hr	\$1040
CSR/Boral 6 hrs x 2 men @ \$65/hr	\$780
<b>FireCrunch 4 hrs x 2 men @ \$65/hr</b>	<b>\$520</b>

- ★ **No gantry hire required** with FireCrunch K-Fire 19 SL4
- ★ Hebel also requires mix-up of glue with water on site
- ★ CSR/Boral also has to fit an extra 16mm board at the floor bearers joints and truss zones

## OVERALL LABOUR COMPARISON 80m2

Hebel	\$3640 = \$45.50/m2 plus gantry
CSR/Boral	\$3120 = \$39.00/m2 plus U track, H studs
<b>FireCrunch</b>	<b>\$1560 = \$19.50/m2 - NO GANTRY, U TRACK OR H STUDS, MgSO4 CLADDING</b>

## COMPARISON BASED ON 80m2 SHAFT LINER DOUBLE STUD FRAME FIRE WALL TIMBER OR STEEL AS1530.4

Hebel	\$45.50/m2
CSR/Boral	\$39.00/m2
<b>FireCrunch</b>	<b>\$19.50/m2</b>