



FireCrunch  
PARTY WALL - SINGLE 19mm SHEET






## K-FIRE 19 SL4 SHAFT LINER SYSTEM

INSTALL: using 19mm K-FIRE  
19mmTG SL4 Sheet-size 2700 x 600mm

PARTY WALL : Systems are designed to provide a separating FIRE WALL construction between adjacent tenancies in Class 1 to 10 buildings.

NATA Labs Australia Fire Tested Systems AS1530.4 and more

Acoustic Rw 62 + ctr = 50  
FRL ../60/60 (Timber Frame) NON LOAD BEARING  
FRL90/90/90 (Steel Frame) LOAD BEARING

-  FIRE PROOF
-  FLOOD PROOF
-  IMPACT RESISTANT
-  TERMITE PROOF
-  MOULD & BACTERIA PROOF



NOTE: FCA ref, is FireCrunch Australia

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



## **NEW FireCrunch SHAFT LINER K-FIRE 19 - SL4**

### **Less time , money, materials and increases the ROI**

**FIRECRUNCH K FIRE 19 SL4** "SHAFTLINER" FRL 90/90/90 TO ...120/120/120 is a fast, easy and lightweight DISCONTINUOUS FIRE WALL, Rw52 net ctr acoustic Firewall system for applications IN PARTY WALLS ,COMMON WALLS FIRE SEPARATION WALLS between townhouses, units and apartments.

Unlike other party wall systems the **FIRECRUNCH "SHAFTLINER"** has only 3 components

FIRECRUNCH SL4 IS A NON-ORGANIC COMPOSITE CLADDING, NO TREE DESTRUCTION FOR PLASTERBOARD PAPER LININGS **replaces Heavily Co2 pollutive Fyrcek plasterboard AND AT A LOWER PRICE**

**Its 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 FIREWALLS AT A FAR BETTER RATE WHILE...**

USING A HIGH CARBON CAPTURE TREE FRIENDLY CLADDING AND 19MM SHAFT LINER PRODUCT MgSO<sub>4</sub>, and not heavy CO<sub>2</sub> POLLUTIVE 25mm Fyrcek,. ..... or similar **FireCRUNCH ,HELPS MEET good citizen, NEW FEDERAL GOVT GUIDELINES FOR 2030 in DIVERSION TO LOW Co2 products**

FireCrunch cladding is **BETWEEN 30 AND 50% LESS** than the advertised cladding cost rate of Fyrcek (MR) Moisture resistant plasterboard PLUS

### **NO SPECIAL EXPENSIVE SUPPORT EQUIPMENT**

### **NATA LABS TESTED PRODUCTS**

**AS 1530.1, AS 1530.4, AS 3837,AS 5637, AS 717.1, AS 4964**

- **No cranes**
- **No gantries**
- **No "H" STUD joiners**
- **No "U" TRACK**
- **No extra hard to fix 16mm FYRCEK fire protection OVERLAP at floor & truss junctions.**
- **No special cementitious glues or compounds.**
- **Our unique self-fitting T&G board FIXES IN HALF THE TIME**

Lock the system in place with our special **SL 19 aluminium brackets**, which FireCrunch supplies for the correct placement of the boards. The FAST SET TG fire joints are GUN IN sealed with standard AS 1530.4 fire rated sealant using regular off the shelf screws which are **all available from your local TRADES supplier.**

**FIRECRUNCH K FIRE 19 SHAFTLINER** is a lightweight, fast-to-install, easy-to-understand **SYSTEM** which will save you time, resources, on site labour **& most importantly money.** [See price comparison below](#)

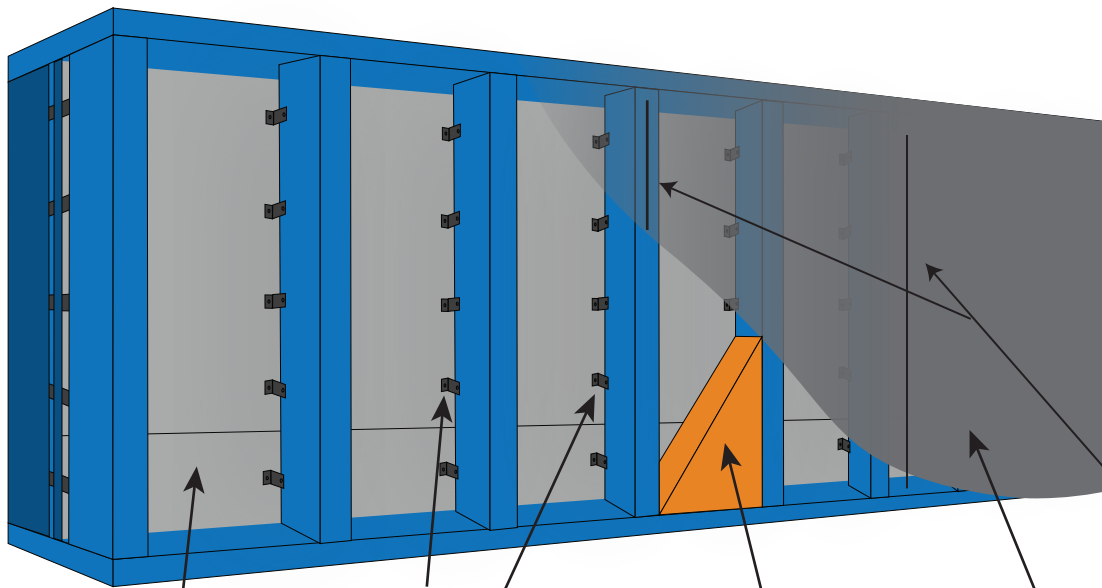
The K 19 system will improve your time management on-site and improve your bottom line.

FIRECRUNCH is fully tested by NATA certified labs in Australia, & approved for use in all party wall fire applications. And ...is acoustic Rw 52 net of ctr to FRL 60,.90 AND 120 MINUTES

**FireCrunch is a registered business name owned by X-FIRE INTERNATIONAL PL AND Licensed to Firecrunch Australasia Pty Ltd ABN 37 620 875 041 AN ASIC REGISTERED AUSTRALIAN CORPORATION**



## **FireCrunch K19- SL4 SHAFT LINER FIRE WALL SYSTEM FRL 90/90/90**



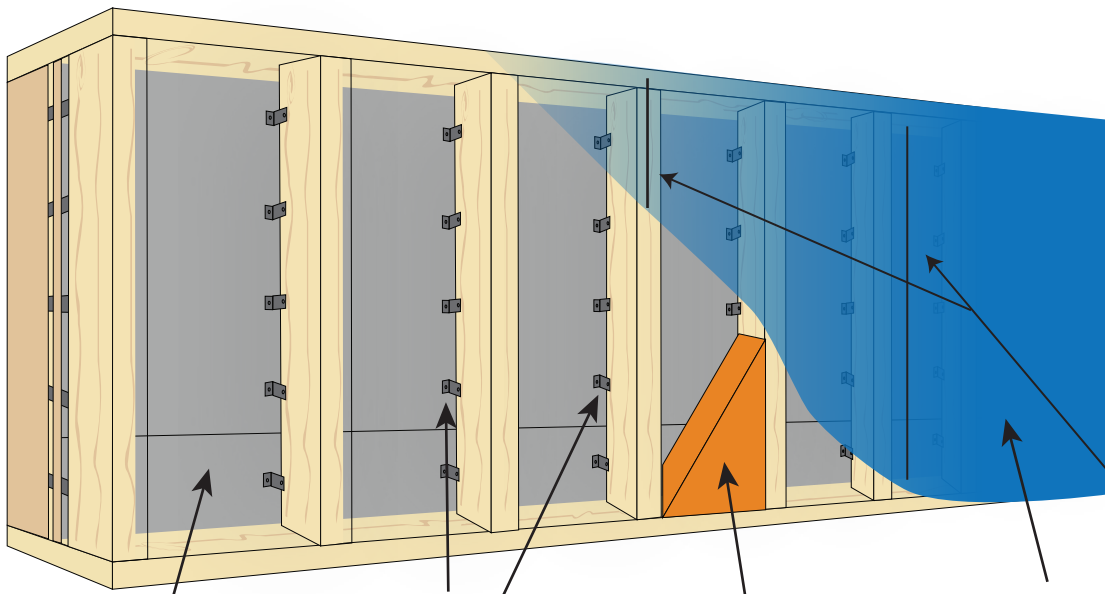
**1 LAY FIRST 19MM PANEL HORIZONTAL T SIDE UP ,FILL GROOVE SIDE WITH RECC FIRE SEALANT .THEN INSERT A VERTICAL 19mm 2700 X 600 PANEL GROOVE SIDE DOWN. FILL GROOVE SIDE WITH FIRE SEALANT AS 1530.4 PUSH T G SHEETS TOGETHER AND AFFIX ALUMINIUM BRACKETS**

**2 FIX 75 X 45 ALUMINIUM BRACKETS TO STUD AND BOARD,BOTH SIDES ,ALLOW MIN 20mm SPACE FROM STUD TO BOARD IN EACH PANEL AND SCREW FIX**

**3 92 x45 STEEL STUDS CFS 1.15 BMT. PLUS INSERT R 2.5/ 90mm GLASS WOOL BATT BETWEEN STUDS BOTH SIDES**

**4 CLOSE OFF EACH SIDE WITH ONE 10mm K CLAD FCA SHEET EACH SIDE VERTICAL SET WITH STUD BACKED 6mm WIDE VERTICAL FIRE JOINT SHEETS FILL 6MM GAP WITH RECC FIRE SEALANT**

**FIRECRUNCH K-19 SL 4 SHAFT LINER TIMBER FIRE WALL SYSTEM FRL ....60/60**



**1 LAY FIRST 19MM PANEL HORIZONTAL T SIDE UP ,FILL GROOVE SIDE WITH RECC FIRE SEALANT .THEN INSERT A VERTICAL 19mm 2700 X 600 PANEL GROOVE SIDE DOWN. FILL GROOVE SIDE WITH FIRE SEALANT AS 1530.4 PUSH T G SHEETS TOGETHER AND AFFIX ALUMINIUM BRACKETS**

**2 FIX 75 X 45 ALUMINIUM BRACKETS TO STUD AND BOARD,BOTH SIDES ,ALLOW MIN 20mm SPACE FROM STUD TO BOARD IN EACH PANEL AND SCREW FIX**

**3 90 x 45 TIMBER STUDS PLUS INSERT R2.5/90MM GLASS WOOL BATT BETWEEN STUDS BOTH SIDES**

**4 CLOSE OFF EACH SIDE WITH ONE 10mm K CLAD FCA SHEET EACH SIDE VERTICAL SET WITH STUD BACKED 6mm WIDE VERTICAL FIIRE JOINT SHEETS FILL 6MM GAP WITH RECC FIRE SEALANT**



## **COST COMPARISON -2024 -- FACT SHEET FCA**

### **FIRECRUNCH SHAFT LINER K FIRE 19 V CSR ,Boral and Hebel**

**Using faster simpler construction = AS1530.4 NATA CSIRO**

Based on a 12m long 80 m2 FIRE WALL ground level

- HEBEL 8 hrs x 2 men @\$65 p/h \$1040
- CSR /BORAL 8 hrs x 2 men @ \$65 p/h \$1040
- FIRECRUNCH 4hrs x 2 men @ \$65 p/h \$ 520

#### **1<sup>st</sup> Floor**

- HEBEL 12hrs x 2 men @ \$65 p/h \$1560
- CSR /BORAL 10 hrs x 2 men @ \$65 p/h \$1300
- FIRECRUNCH 4hrs x 2 x men @ \$65 p/h \$ 520

#### **Truss zone**

- HEBEL 8 hrs x 2 men @ \$65 ph \$1040
- CSR /BORAL 6 hrs x 2 x men @ \$65 ph \$ 780
- FIRECRUNCH 4 hrs x 2 x men @ \$65 ph \$ 520

**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 & truss zones

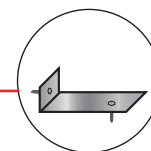
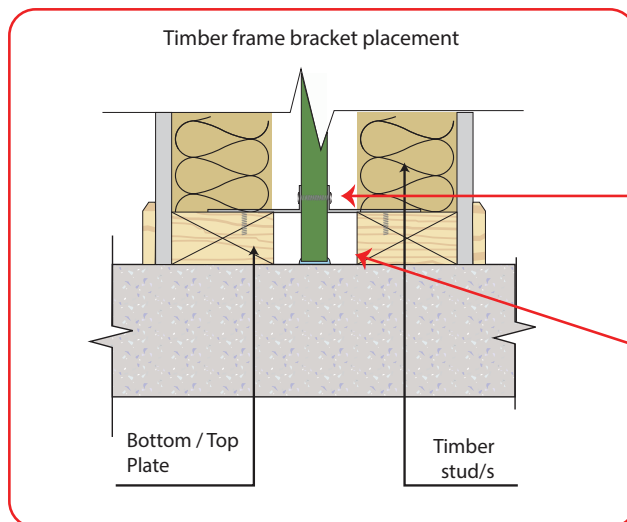
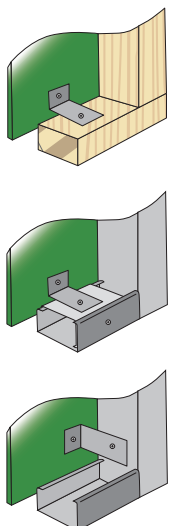
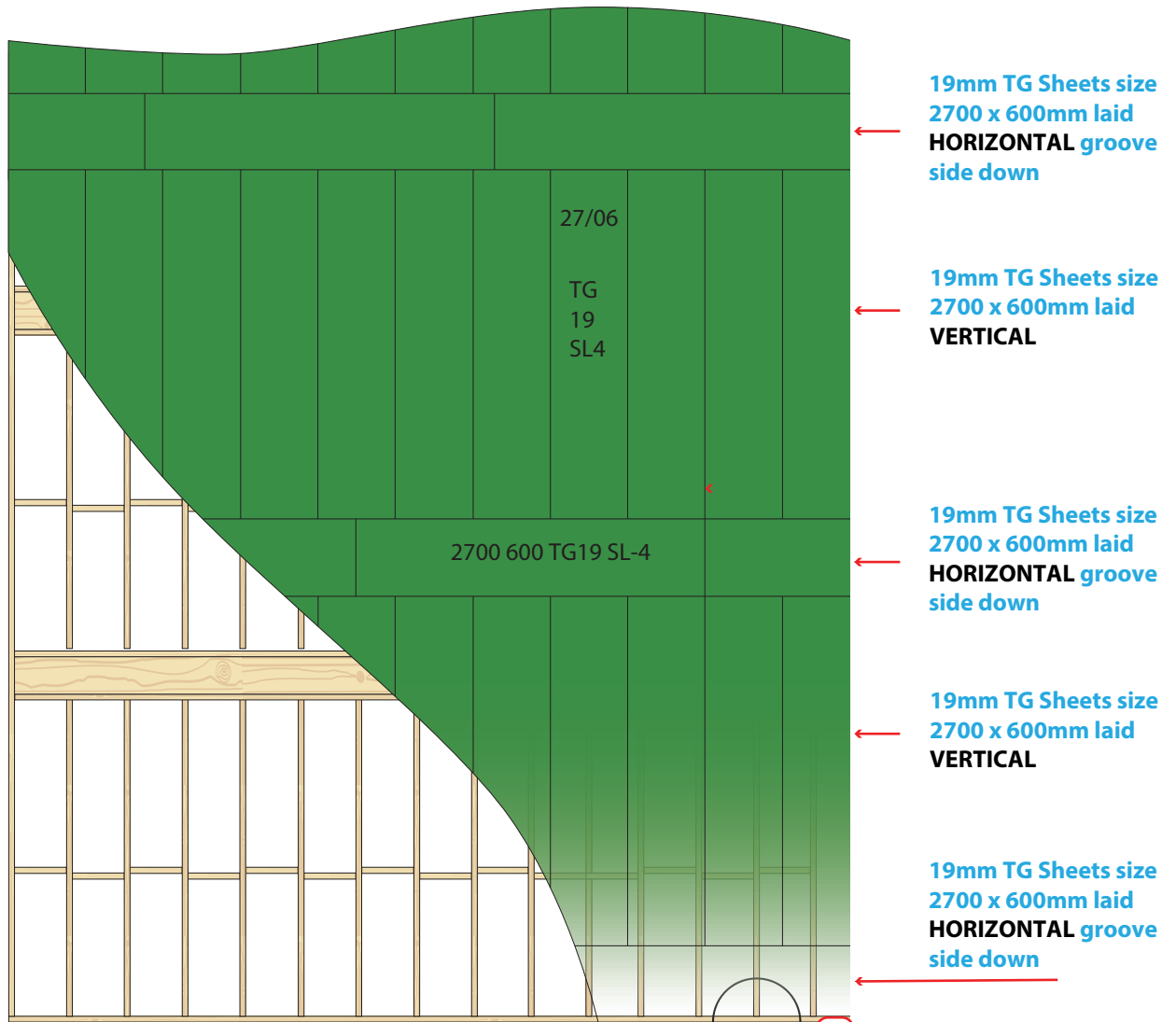
#### **OVERALL LABOUR COMPARISON 80 m2**

- HEBEL \$ 3,640.=45.50 per m2 PLUS GANTRY
- CSR /BORAL \$3,120 = \$39.00 per m2 PLUS U TRACK ,H STUDS
- FIRECRUNCH \$1,560 = \$19.50 per m2 NO GANTRY , U TRACK OR H STUDS ,MgSO4 cladding

**COMPARISON Based on an 80m2 shaft liner double stud frame fire wall timber or steel AS1530.4**

- HEBEL \$45.50 m2
- CSR / BORAL \$39.00 m2
- FireCrunch \$19.50 m2

# FIRECRUNCH K-FIRE19 SL4 SHAFT LINER FIRE SEPARATION PARTY WALL



**ALUMINIUM STUD BRACKET**  
size 45 x 75mm  
1.60 BMT

**Bottom Plate**