

SPAN TABLE - INTERNAL & EXTERNAL FLOORING & DECKING

TECHNICAL REFERENCE INSTALLATION

FRL 60/60/60 to FRL 90/90/90

NATA Labs Australia Fire Tested Systems AS1530.4 and more



FIRE PROOF



FLOOD PROOF



IMPACT RESISTANT



TERMITE PROOF



MOULD & BACTERIA PROOF



SPAN Table - Internal & External Flooring & Decking Flooring 19mm TG: Loadings to 6.0kN 450mm

Load deflection performance of FireCrunch 19mm TG floor boards over timber joisting at 450mm centre and 600mm centres and unsupported along the edges.

*** NOTE: For 16mm TG K-Deck use only max. 300mm joist centres**

Span Test (450mm centres) *

Panel No.	Deflection @ 1.8kN/mm	Deflection @ 2.7kN/mm	Deflection @ 4.5kN/mm	Load @ 1.0mm Deflection	Load @ 1.5mm Deflection	Load @ 2.25mm Deflection	Load Failure	Effective kN/Newtons
1	0.7	1.1	2.0	2.5	3.6	4.8	6.0	6.0
2	0.5	0.8	1.4	3.4	4.8	6.3	-	~ 6.1
3	0.6	1.0	1.8	2.7	3.8	5.2	6.2	6.2

Span Test (600mm centres) *

Panel No.	Deflection @ 1.8kN/mm	Deflection @ 2.7kN/mm	Deflection @ 4.5kN/mm	Load @ 1.0mm Deflection	Load @ 1.5mm Deflection	Load @ 3.0mm Deflection	Load Failure	Effective kN/Newtons
1	1.4	2.2	4.7	1.3	1.9	3.4	5.3	5.3
2	1.3	2.0	3.6	1.4	2.1	3.9	-	~ 5.8
3	1.4	2.1	4.4	1.4	2.0	3.6	5.6	5.6

NATA LABS tested Brick and Mortar Melbourne

RECOMMENDED FASTENERS

For wet area and exterior applications corrosion proof screws must be used especially when fastening to steel frames. Please view [Recommended Products](#).

Pre-seal the boards on front only and before painting. Use Murobond MP primer.

Lay FireCrunch sheets with long edges across joists with sheet ends supported on joist centre lines.

In wet areas seal FCA boards first with Murobond MP primer.

