



KingKlip[®]

The possibilities are endless.



OFFERING SOLUTIONS FOR TOMORROW

KingKlip[®], rolled and curved at your site.

Fielders' Mobile Roofing Mill - the first and only one in Australia - roll forms your KingKlip[®] decking to order right on your site. You can get any length you want, so you can say goodbye to leaky expansion joints and multiple, long-load deliveries. It's a system proven worldwide and improved by Fielders for Australia.

Plus it's cheaper and faster than transporting bulky ready-made sheets and cuts down on handling and damage.

What's more, our mobile crank curver can

create precision curves on-site, adding a whole new twist to your designs.

The possibilities are endless.



Australian-owned Fielders has been a leading innovator since 1900 and our mobile commercial roofing mill continues the proud tradition.



Material specifications.

KingKlip[®] is manufactured to AS 1397 and AS 2728 Cat. 3. It is to be installed in accordance with AS 1445, 1562, and HB 39.

KINGKLIP [®]	Light Industrial		Heavy Industrial		
	Zinalume [®]	Colorbond	Zinalume [®]	Colorbond	
Kg Mass / Linear Metre	3.26	3.32	3.70	3.76	1000 / (Lm/Tonne)
Kg Mass / Metre ² (cover)	4.66	4.74	5.28	5.37	1000 / (Lm Mass/700)
Base Metal Thickness	.42		.48		BMT
Total Coated Thickness	.47		.53		TCT
Tensile Strength	G550		G550		Base Steel Designation
Coating Class	AZ150		AZ150		Minimum Coating gms/m ² of Zinc - Aluminium
Tolerance	Sheet Length ± 7mm		Cover Width ± 4mm		
Thermal Expansion	2.9mm Average per 5 metre at 50°C change.				

Fasteners - Clip Fixing.

Fasteners must be selected to match the life expectancy of the cladding material. Recommendations from fastener manufacturers should be sought. Only fasteners complying with AS 3566 and those that are compatible with the roofing material should be used for its fastening.

CREST OR PAN FIXING

KingKlip[®] can be crest fixed to timber or steel supports. Fasteners should not be located less than 30mm from the ends of the sheets.

Material being fastened to:	Directly to support	Over insulation blanket
STEEL (up to 4.0mm thick)	No. 10 – 16 x 16mm Hex - Head self drilling and tapping screws*	No. 10 – 16 x 25mm Hex - Head self drilling and tapping screws*
TIMBER	No. 10 – 12 x 25mm Hex - Head Type 17 self drilling screws*	No. 10 – 12 x 45mm Wafer Head Type 17 self drilling screws*

* No washers.

No screws, no holes, no leaks - plus a watertight guarantee.

Best of all, when it comes to installation we don't screw around. An average 6000m² screw-fix deck will have about 36,000 screw holes - each one a possible source of leakage and corrosion over time.

But Fielders revolutionary full-width heavy duty KingKlip clips provide incredible holding strength and stability without puncturing the sheeting. The clips are also self spacing to ensure perfect accuracy.

No screws, no holes, no leaks. And that's no bull.

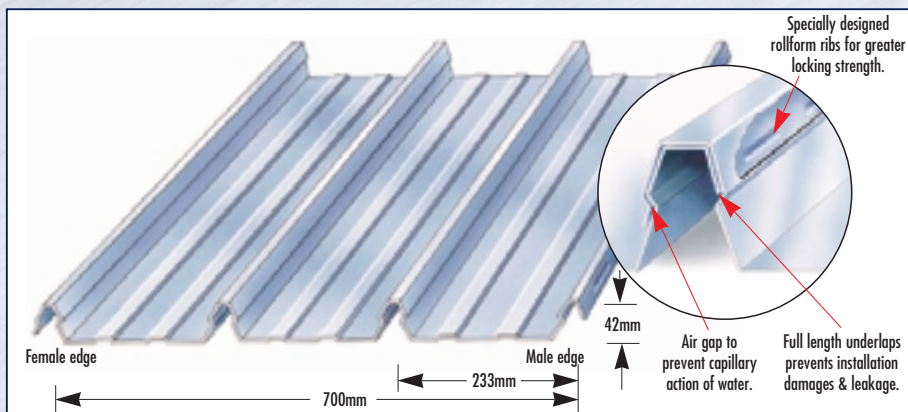
In fact, we're so confident in our KingKlip roofs that we back them with this watertight installation guarantee.

Simply follow the Fielders 3-point roofing plan:

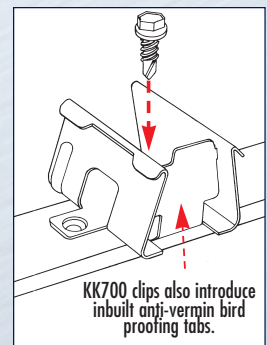
1. Specify and use KingKlip.
2. Specify and use a Fielders Approved Contractor.
3. Specify and use a Fielders Watertight Installation Guarantee and we'll guarantee your Fielders roof won't leak for a full 20 years. If it does, we'll repair or replace it for free.*

What's more, KingKlip is made from the highest quality BHP Colorbond® steel which itself carries a warranty against corrosion for up to 25 years.*

**Conditions apply.*



Hex-head screws mean faster installation and greater holding strength.



Full-width 700mm clips put an end to spread, creep and wandering rib lines, as well as "deck bulge" from insulation.

Load Span Tables (non cyclonic areas).

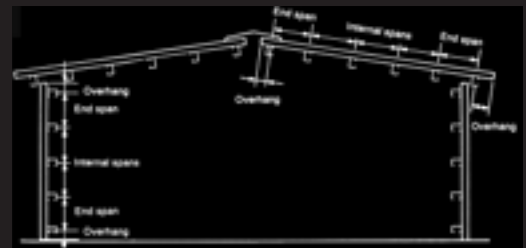
The allowable spans have been determined from tests carried out in accordance with the following Australian Standards (wind load available by region):

AS 1562.1 - 1992

Design and installation of sheet roof and wall cladding;

AS 4040.1, .2, .3 - 1992

Methods of testing sheet roof and wall cladding.



Light Industrial thickness 0.42 bmt (0.47 tct)

Maximum recommended span (mm)		
	Roof	Wall
Single span	1600	2100
End span	1700	2100
Internal span	2100	2400
Unstiffened overhang	150	300
Stiffened overhang	500	300

Heavy Industrial thickness 0.48 bmt (0.53 tct)

Maximum recommended span (mm)		
	Roof	Wall
Single span	2000	2300
End span	2550	2700
Internal span	3000	2900
Unstiffened overhang	150	400
Stiffened overhang	500	400