

WideKlip®



**More
of the best
for less.**



FINISH ON TOP WITH FIELDERS

WideKlip® –

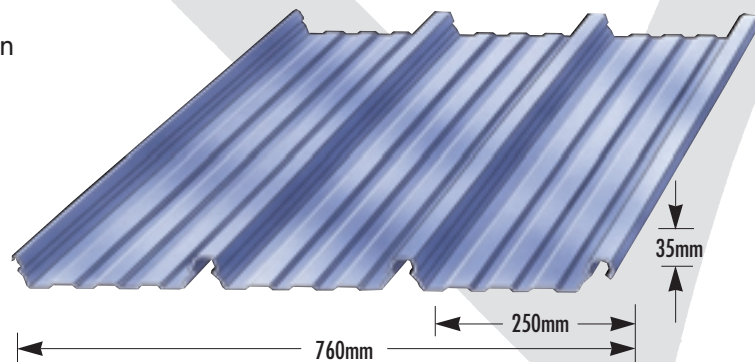


can roll continuous lengths up to 100 metres, so you can say goodbye to step joints and multiple long load deliveries and transport damage.

Australian builders acknowledged that Fielders concealed fix roofing was bigger and better than ordinary screw fix sheets. Then we were asked to make it cheaper, too.

We've done it.

WideKlip® gives you all the benefits of high-quality Fielders concealed fix at a price that's competitive with basic screw fix profiles like Trimdek® and TL5.



The bigger the sheet, the fewer you need.

At 760mm, WideKlip® is the widest concealed fix deck in Australia. Therefore fewer sheets and no end laps are needed while installation is faster. The 35mm profile adds strength so you need fewer purlins.

No need for step/expansion joints either. WideKlip®'s unique clips and sliding brackets allow the sheets to move with temperature changes. Add in what you save on screws, plus the long-term benefits of concealed-fix roofing, and you'll be laughing all the way to the bank.

We'll go to any length to meet your needs.

One of our fleet of Fielders Mobile Mills will come to you anywhere in the country and roll-form your WideKlip® decking to order. We

Your best choice - guaranteed.

Fielders WideKlip® comes with our famous 20 Year Watertight Installation Guarantee. Simply specify Fielders concealed fix decking then have it installed by a Fielders Approved Contractor and your roof will be guaranteed not to leak for a full twenty years (otherwise we'll repair or replace it). Add a maintenance contract and your guarantee extends to 25 years.



Stretches Your Dollar Further.

Fixing Instructions

Laying WideKlip®

STEP 1

Fix the first of the WideKlip® clips, (arrow on clip pointing toward the area to be laid) perpendicular to the gutter in a straight line using the correct fasteners.

Use a string line or the edge of the first sheet to ensure the straightness. Care should be taken so that the overlap is facing away from the prevailing weather.

STEP 2

If vermin proofing is required at the eave and ridgeline, insert a purpose made profiled polyethylene strip into the clip prior to fixing to the purlin.

STEP 3

Locate the first sheet above the clips ensuring that the overhang into the gutter is correct. Push downwards on the WideKlip® until the decking is secured at every clip.

STEP 4

Place the next clip firmly against the male rib of the last sheet and fasten into position. Ensure that the male rib is in a straight line and not deformed. (Refer clip placement and fastening instructions adjacent – A,B,C, and D).

STEP 5

Lay the next sheet of WideKlip® as previously. Checks should be made periodically to ensure the decking is installed correctly and maintains a 760 mm coverage.

STEP 6

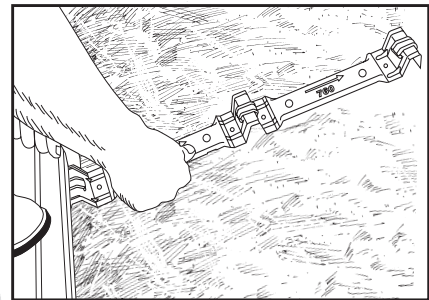
Turn up pans at ridgeline, pans should be turned down at gutter line using Fielders KingKlip®/WideKlip® tool.

STEP 7

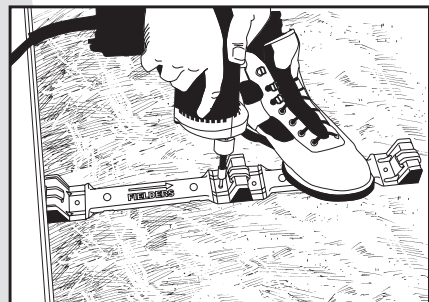
Clean roof daily as per Fielders maintenance guide removing all swarf, pop rivets and fasteners.

Foot traffic should be restricted to the pans of the decking over the purlins only.

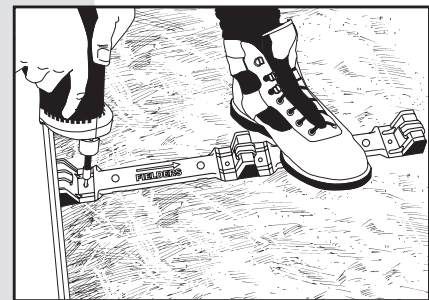
Typical WideKlip® Clip Placement & Fastening



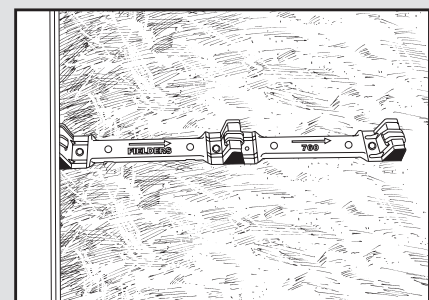
A Locate the clip into top edge of sheet and then secure into position with tabs firmly against the formed shoulder of the sheet.



B Screw centre rib of clip.



C Screw clip near previous sheet.



D Final screw fixing to outside rib of clip.

WIDEKLIP® DECK 0.42 bmt Wind load resistance (kPa) - Limit State Design						
SPAN (mm)	SINGLE SPAN		END SPAN		INTERNAL SPAN	
	Servicibility	Strength	Servicibility	Strength	Servicibility	Strength
1200	3.75	4.30	3.40	4.50	3.75	5.50
1500	1.90	2.75	2.75	3.25	3.40	4.60
1800	1.15	1.90	2.20	2.50	3.05	3.75
2100	0.80	1.50	1.75	2.00	2.60	3.00
2400	0.55	1.30	1.35	1.60	2.10	2.45
2700	0.35	1.15	1.00	1.30	1.65	1.95
3000			0.75	1.10	1.30	1.55
3300					1.00	1.30
3600						

WIDEKLIP® DECK 0.48 bmt Wind load resistance (kPa) - Limit State Design						
SPAN (mm)	SINGLE SPAN		END SPAN		INTERNAL SPAN	
	Servicibility	Strength	Servicibility	Strength	Servicibility	Strength
1200	4.50	5.25	3.65	7.15	6.85	8.00
1500	2.35	3.30	3.35	5.10	5.25	6.15
1800	1.45	2.50	2.90	3.75	3.85	4.60
2100	1.04	2.10	2.30	2.60	2.90	3.30
2400	0.75	2.00	1.65	2.00	2.10	2.45
2700	0.60	1.95	1.15	1.55	1.65	1.95
3000	0.45	1.90	0.85	1.35	1.30	1.55
3300					1.10	1.30

Maximum Recommended Span (mm) 0.42 bmt		
	Roof	Wall
Single span#	1100	1500
End span	1300	1900
Internal span	1800	2500
Unstiffened overhang	150	150
Stiffened overhang	#	#

Wall - wind load
Region A
h = 10 m
Vu = 50 m/s
Cpe = -0.65
Kt = 2.0
Cpi = 0.2
Pu = 2.25 kPa
Ps = 1.93 kPa

Maximum Recommended Span (mm) 0.48 bmt		
	Roof	Wall
Single span#	1350	1600
End span	1800	2200
Internal span	2400	2500
Unstiffened overhang	150	150
Stiffened overhang	#	#

Wall - wind load
Region A
h = 10 m
Vu = 50 m/s
Cpe = -0.65
Kt = 2.0
Cpi = 0.2
Pu = 2.25 kPa
Ps = 1.93 kPa

Purlin Spacings and Installation Costs.

The spacing of purlins at greater than 1.7 metre intervals gives rise to several safety issues and practical issues which can add considerable installation costs, such as side stitching of safety mesh & harnessing. Contact a Fielders approved roofing contractor or a Fielders office for further advice before spacing purlins at more than 1.7 metres.

Consult Fielders for technical advice. Recommended roof span is based upon point loading. Extreme wind loads may require shorter roof spans. Recommended wall span is based upon wind loading.

A watertight guarantee in 3 easy steps.

To activate Fielders' famous 20 year Watertight Installation Guarantee, simply follow these three steps when specifying:

1. Use Fielders roof sheeting and accessories.

The roofing/walling shall be WideKlip® BMT manufactured by Fielders in continuous lengths fixed to purlins/girts with WK760 clips. Sheetting shall be AZ150,G550 grade zinc aluminium coating with or without a pre-painted finish.

2. Use a Fielders approved contractor.

The roof sheeting, walling and accessories shall be installed by a Fielders Approved Contractor in accordance with Fielders specifications.

3. Guarantee materials, installation and performance.

Upon practical installation of the roof by the Fielders Approved Contractor, a 20 year Watertight Installation Guarantee for WideKlip® will be issued which will cover the performance of all Fielders products, the site workmanship and the Watertight Installation of the Fielders products. Warranty on Fielders products is subject to specifications.

For more information call 1800 182 255.



FINISH ON TOP WITH FIELDERS

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