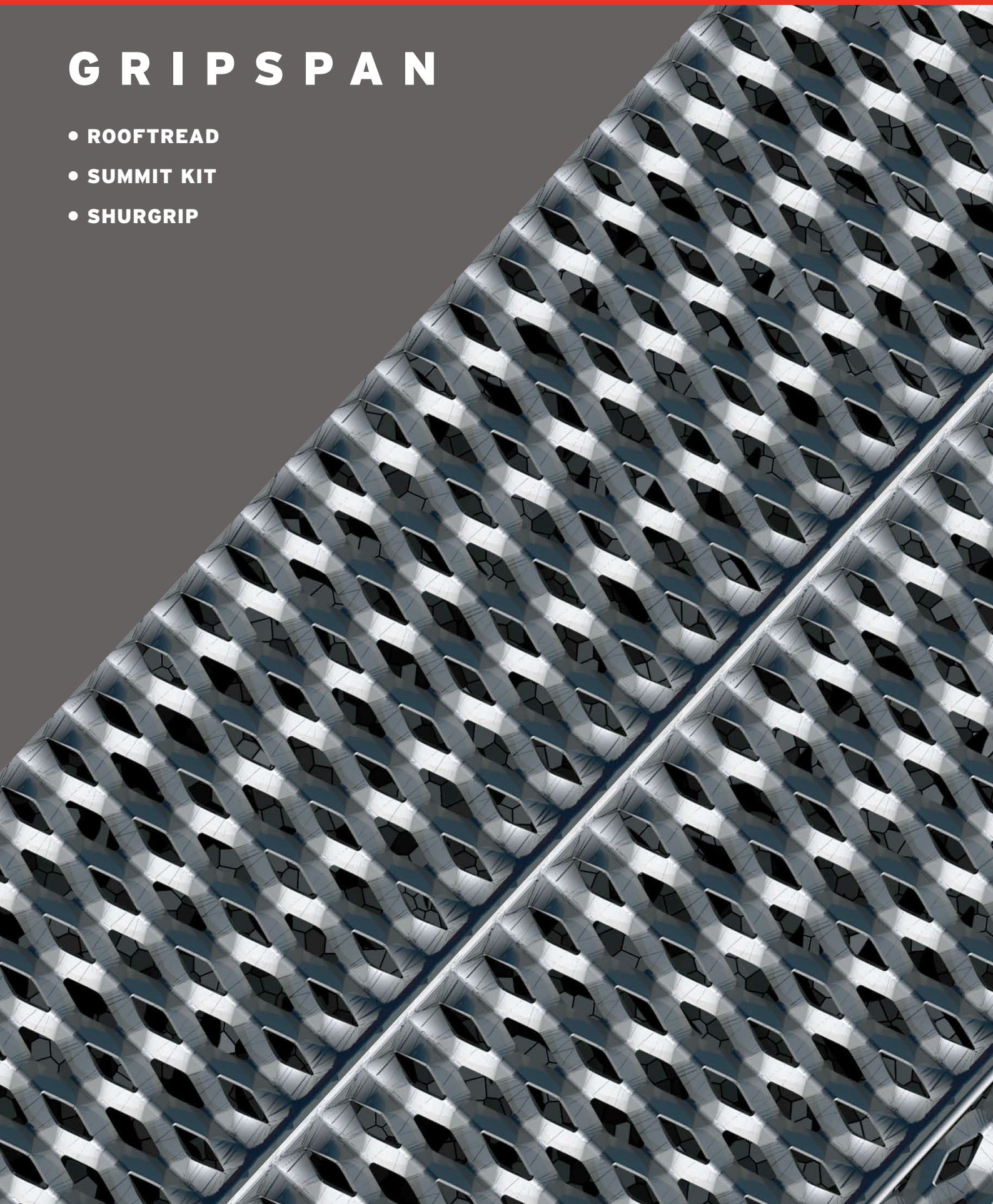




A valmont  COMPANY

# GRIPSPAN

- ROOFTREAD
- SUMMIT KIT
- SHURGRIP



**An exceptional flooring option; in walkways, platforms, gantries and roof access**

## Gripspan meets the latest standards

AS1657 S4.5 now demands that any platform where people may have access to work beneath, must prevent a 15mm diameter ball falling through.

The nature of the Gripspan anti-slip profile offers unique anti-drop characteristics.

Unlike traditional grating or mesh alternatives, Gripspan even prevents small screws and bolts falling through.



## Gripspan offers superior slip resistance

Independent test results highlight the exceptional anti-slip properties:

- A slip resistance rating of R13 based on the Oil Wet Ramp test.
- A BPN between 82 and 84 based on the Wet Pendulum test (depending on profile).

For more details see Locker TDS LIF105, available on our website.

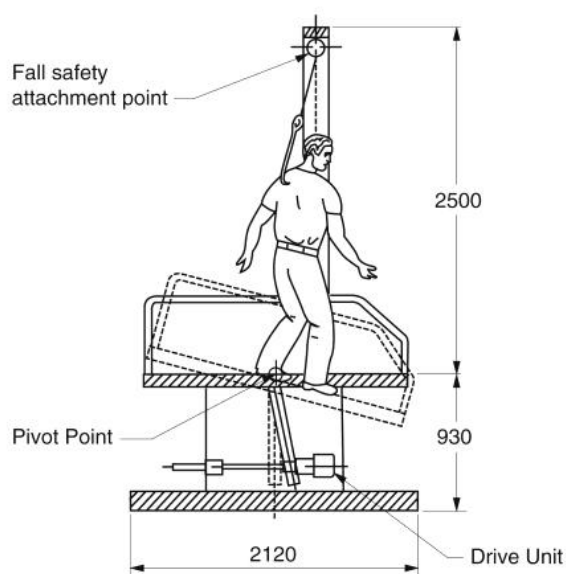
## Gripspan can span further

The roll formed plank design enables greater unsupported spans compared to traditional industrial flooring.

Fewer fixings and supports equals lighter weight, faster installation and lower total installed cost.

Spans of around 2m are possible in normal foot traffic applications.

Compliant with AS1657 when installed to specifications



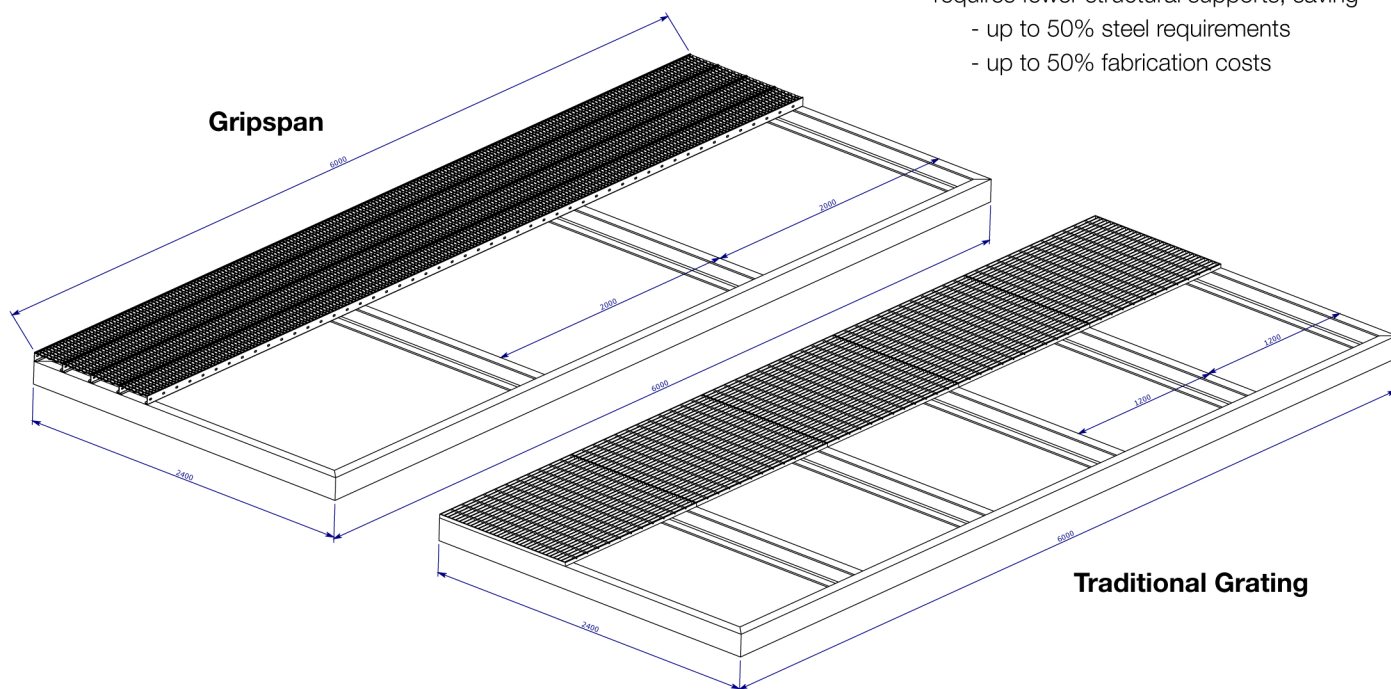
**Oil-Wet ramp test**



## Gripspan Vs Traditional Grating

For the same given platform area, Gripspan requires fewer structural supports, saving

- up to 50% steel requirements
- up to 50% fabrication costs



	Gripspan	Traditional Grating
Platform	6000 x 2400mm 14.4M <sup>2</sup>	6000 x 2400mm 14.4M <sup>2</sup>
Product	6512G/300PL	W30A-255
Product Weight	225 Kg	530 Kg
Support Frame (HDG)	405 Kg	495 Kg
Total Weight	630 Kg	1025 Kg
Welded Joints	8	12

## Application Advice

Please find below a suggested Gripspan product and profile for a variety of standard applications. Please note, this is not the only option, Locker Group can provide other product and spanning combinations based on the exact requirements of your specific project.

Consult your Locker Group technical sales representative for advice on your exact requirements.

Application	Product	Max Span*
Condensor Platforms	6512G/300 PL	2100mm
Condensor Platforms	6520G/300 PL	2400mm
Elevated Water Tower Platform	6520G/225 SL	2100mm
Roof Access Walkway	6512G/300 PL	2100mm
Mezzanine Flooring	6512G/225 SL or SLD	2100mm
Rail Bridge Access Walkway	6512G/300 PL or SR	2100mm
Mining – Various platform / Walkway	All ranges pending requirements	
Sale Yard – Auctioneers walkway	6512G/300 PL	2100mm
Sale Yard – Auctioneers walkway	6520G/225 SLD	2400mm
Stair Treads	6520G/225 PL, SL, SLD, SR	1200mm

See fixing options on page 9

\* Based on ASNZ1657

## Standard Planks

PART NUMBER	Profile	Plank Length mm	PLANK WIDTH mm	PLANK HEIGHT mm	WEIGHT PER LINEAL METER	MATERIAL THICKNESS mm
<b>DIAMOND TREAD GALVABOND</b>						
6512G/225-PL	PLAIN	6000 (5800 NZ)	225	65	4.03	1.2
6512G/225-SR	SERRATED	6000 (5800 NZ)	225	65	4.03	1.2
6520G/225-PL	PLAIN	6000 (5800 NZ)	225	65	6.4	2
6520G/225-SR	SERRATED	6000 (5800 NZ)	225	65	6.4	2
<b>DIAMOND TREAD MILD STEEL</b>						
6512G/300-PL	PLAIN	6000 (5800 NZ)	300	65	4.7	1.2
6512G/300-SR	SERRATED	6000 (5800 NZ)	300	65	4.7	1.2
6520G/300-PL	PLAIN	6000 (5800 NZ)	300	65	7.6	2
6520G/300-SR	SERRATED	6000 (5800 NZ)	300	65	7.6	2
<b>ALUMINIUM</b>						
6520A/300-PL	PLAIN	6000 (5800 NZ)	300	65	2.7	2
<b>SLOTTED TREAD</b>						
6512G/225-SL	SLOTTED	6000 (5800 NZ)	225	65	4.03	1.2
6512G/225-SLD	SLOTTED DIMPLED	6000 (5800 NZ)	225	65	4.03	1.2
6520G/225-SL	SLOTTED	6000 (5800 NZ)	225	65	6.4	2
6520G/225-SLD	SLOTTED DIMPLED	6000 (5800 NZ)	225	65	6.4	2

\*\* Please note other materials and finishes are available, conditions apply.

\*\*\* Custom lengths are available, cutting charges apply

Part No. [65][12][G][225][PL]

65 Leg Height  
1.2 Thickness  
G Material  
225 Width  
PL Profile

### MATERIALS OPTIONS

**G** = Galvabond

**MS** = Mild Steel

**HDG** = Hot Dipped Galvanised

**A** = Aluminium

## Stair Treads

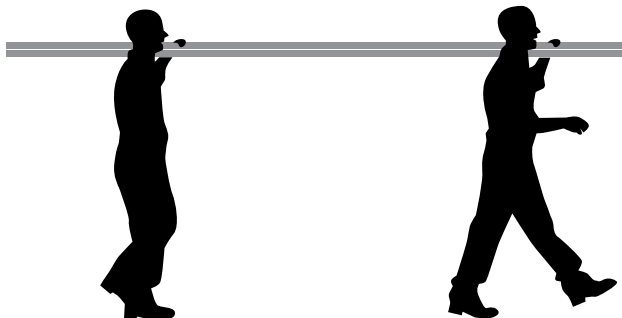
Gripspan and Shur-Grip stair treads can be fabricated by fitting separately supplied end plates to sections of Gripspan planking. Alternatively, fully fabricated stair treads can be supplied in either standard or heavy duty form.

- Standard Tread – Galvanized steel or HDG**  
 No nosing, endplates fitted with fixing holes, all welds painted with zinc rich primer. Hot Dipped Galvanising optional.
- Heavy Duty Tread**  
 Floor plate nosing, end plates fitted with fixing holes, hot dipped galvanised, wider treads

STANDARD TREAD		HEAVY DUTY TREAD	
LENGTH	WIDTH	LENGTH	WIDTH
600	225 / 300	600	262
750	225 / 300	750	262
900	225 / 300	900	262
1000	225 / 300	1000	262
1200	225 / 300	1200	262



## Installation Guide



Gripspan Planking is cost effective; in both material and installation. The light-weight planks are easy to handle, meaning Gripspan can be handled by two people. Utilising the Gripspan Roof Tread system will ensure even difficult roof pitches are easy to access.

Gripspan is roll formed, hence the planks are available in virtually any transportable length, and can be easily welded or clamped into place to suit many applications.

Planks can be supplied in pre-bolted modules, or fabricated to suit individual applications and fixing methods. The following information is designed to provide a guide to successful installation; however it is not a substitute for specific engineering calculations that may be required for individual applications. The manufacturer accepts no responsibility for the incorrect installation of Gripspan Planking.

**IMPORTANT:** Prior to installation ensure that your choice of Gripspan Planking is suitable for the loading and spanning requirements involved. This information is detailed in the Load Tables on page 7.

## Installation Tips


Gripspan Planking may be welded or clamped into place.

- If clamping, it is recommended that planks are locked together using a bolt assembly (Part No. HXB8MM) through the plank side holes, which are at 120mm intervals. Bolt spacing is recommended at mid span, between supports
- If welding panels; Locker Group recommends a 6mm fillet weld, 25mm in length to weld the plank onto the support structure.
- Welding adjacent planks together is also recommended via a 6mm fillet weld, 25mm in length; staggered top and bottom of each plank, every 600mm.

**NOTE:** Weld points should be cleaned and immediately coated with zinc rich paint, as per AS/NZ 4680.

- If fixing planks to structural steel, use HDC65 or HDC65-AL every 4th plank.

## General Tips

- If bolting panels together, allow for bolt hole alignment when cutting Gripspan Planks.
-  When first laying Gripspan planking onto a support, take caution as unsecured planks are not safe to walk on.
- To allow for installation tolerances and future movement in the support structure.
  - Keep Gripspan planking at least 6mm away from vertical steel sections and at least 12mm away from concrete walls.
  - Allow clearance of at least 6mm at the side and end of planks, and between section joints.

## Profiles

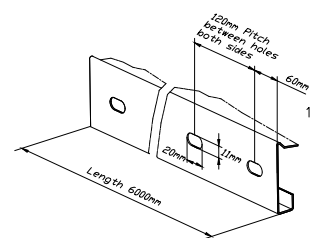
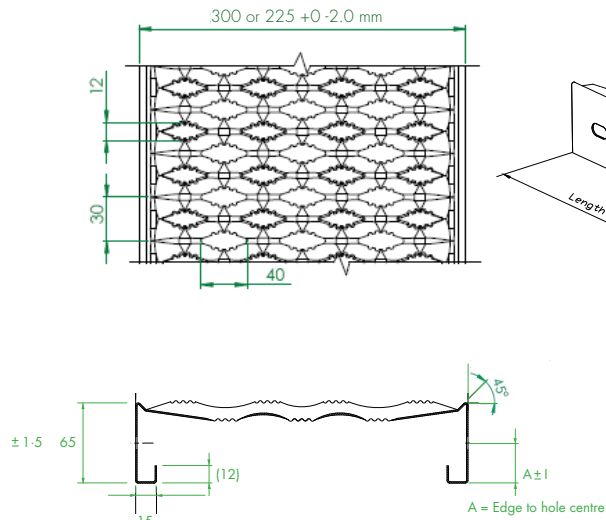
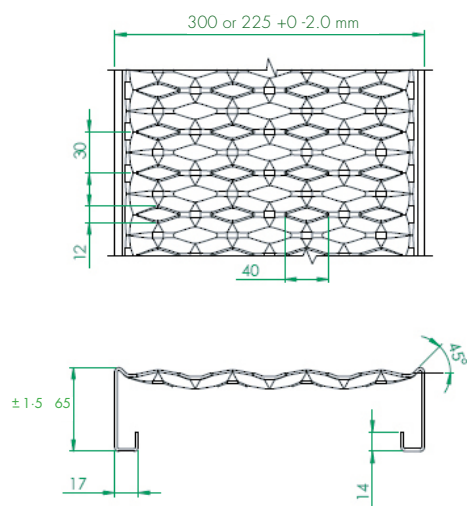
### Diamond

225mm plank width: 65mm or 100mm leg height

300mm plank width : 65mm leg height

#### Plain (PL)

#### Serrated (SR)



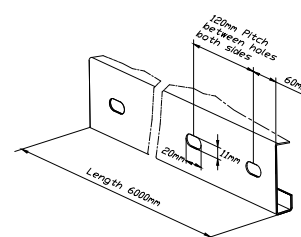
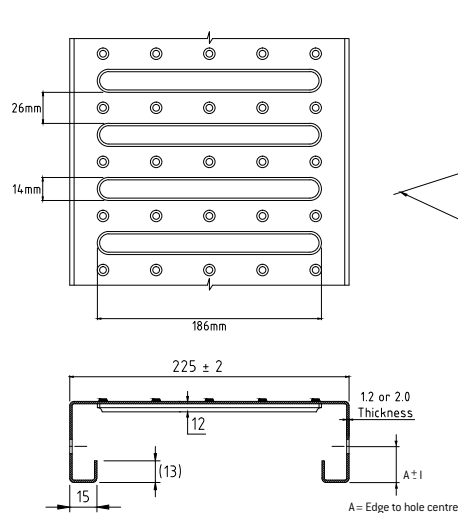
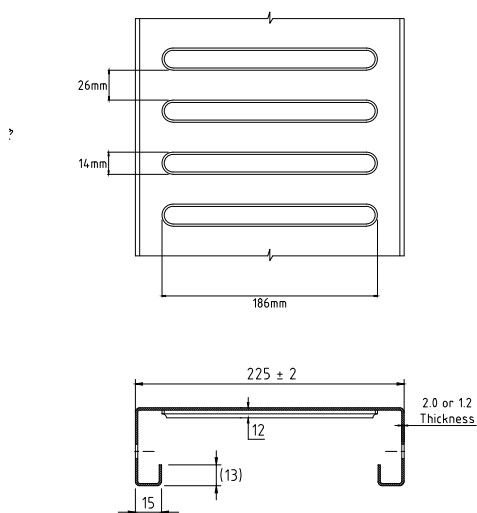
Leg/Width	A
65/225	34mm
65/300	36mm
100/225	69mm

### Slotted

225mm plank width: 65mm leg height

#### Slotted (SL)

#### Slotted Dimpled (SLD)



Leg/Width	A
65/225	33mm

Planks are also available in dimpled only, no slots.  
Made to order, minimum quantities apply.

\* For detailed drawings visit website.

## Load Tables

300 mm Width																						
Type	Kgs per lin metre	Kgs per standard 6m length		Span (mm)																		
				600		750		900		1200		1500		1800		2100		2400		2700		3000
<b>6512G</b>	4.7	<b>28.20</b>	U	40.5		25.5		20.1		11.1		6.9		4.8		3.1		1.9		1.3		0.7
			Galv	3.0		3.8		4.5		6.0		7.5		9.0		10.0		10.0		10.0		10.0
			65mm x 1.2mm thick	4.6		3.7		2.9		2.3		1.8		1.5		1.2		0.8		0.6		0.4
<b>6520G</b>	7.6	<b>45.60</b>	U	101.3		65.6		44.5		22.4		12.5		7.9		4.6		2.7		1.8		1.2
			Galv	3.0		3.7		4.5		6.0		7.5		9.0		10.0		10.0		10.0		10.0
			65mm x 2.0mm thick	9.3		9.1		7.5		5.1		3.5		2.5		1.65		1.25		0.9		0.63
<b>6520A</b>	2.7	<b>16.20</b>	U					18.6		10.1		5.5		3.5		2.2						
			Aluminium					4.5		6.0		7.5		9.0		10.0						
			65mm x 2.0mm thick					2.3		1.9		1.5		1.3		1.1						

225 mm Width																							
Type	Kgs per lin metre	Kgs per standard 6m length		Span (mm)																			
				600		750		900		1200		1500		1800		2100		2400		2700		3000	
<b>6512G</b>	4.03	<b>24.18</b>	U	116.0	87.0	73.0	51.0	52.0	35.0	31.0	17.6	21.0	10.2	14.0	5.9	11.0	3.9	8.0	2.3	6.0	1.4		
			Galv	4.0	3.0	5.3	3.75	6.7	4.5	10.6	6.0	15.4	7.5	21.2	9.0	28.5	10.0	35.5	10.0	44.0	10.0	53.0	10.0
			65mm x 1.2 mm thick	7.5	7.5	6.4	6.0	5.6	5.0	4.3	3.4	3.4	2.4	2.9	1.7	2.4	1.2	2.1	0.8	1.9	0.6	1.7	0.45
<b>6520G</b>	6.4	<b>38.4</b>	D	3.0	3.0	4.2	3.75	4.8	4.5	7.5	6.0	11.0	7.5	15.0	9.0	20.0	10.0	25.5	10.0	31.5	10.0	38.0	10.0
			U	230.0	125.0	145.0	81.0	104.0	55.0	60.0	27.7	37.0	15.4	26.0	9.8	18.0	5.7	14.0	3.4	12.0	2.3	10.0	1.5
			Galv	5.5	3.0	6.7	3.75	8.5	4.5	13.0	6.0	18.0	7.5	24.0	9.0	31.5	10.0	41.0	10.0	52.0	10.0	65.0	10.0
<b>10012G</b>	4.71	<b>28.2</b>	C	15.4	9.3	12.5	9.1	10.5	7.5	8.0	5.1	6.3	3.5	5.2	2.5	4.5	1.65	3.9	1.25	3.5	0.9	3.2	0.6
			D	4.0	3.0	5.0	3.75	6.3	4.5	9.5	6.0	13.5	7.5	18.5	9.0	24.5	10.0	31.2	10.0	39.0	10.0	48.0	10.0
			U	150.0	150.0	110.0	110.0	82.0	82.0	52.0	52.0	34.0	34.0	23.0	20.0	18.0	12.7	14.0	7.2	12.0	4.6	10.0	2.9
<b>10020G</b>	7.6	<b>45.6</b>	Galv	2.0	2.0	2.6	2.6	3.3	3.3	5.0	5.0	7.4	7.4	10.4	9.0	14.2	10.0	19.5	10.0	26.3	10.0	34.5	10.0
			C	10.2	10.2	9.2	9.2	8.3	8.3	6.9	6.9	5.7	5.7	4.8	4.8	4.1	3.8	3.6	2.5	3.1	1.6	2.8	1.1
			D	1.7	1.7	2.0	2.0	2.6	2.6	3.8	3.8	5.6	5.6	7.8	7.8	10.8	10.0	14.5	10.0	19.5	10.0	25.5	10.0
<b>10025A*</b>	2.7	<b>16.2</b>	U	340.0	340.0	220.0	217.0	170.0	150.0	105.0	81.0	70.0	46.0	47.0	27.0	35.0	17.5	27.0	10.6	20.0	6.4	15.0	3.9
			Galv	2.9	2.9	3.8	3.75	3.1	4.5	7.8	6.0	11.3	7.5	15.3	9.0	20.0	10.0	25.5	10.0	31.4	10.0	38.3	10.0
			C	22.0	22.0	19.3	19.3	17.3	17.3	14.1	14.1	11.8	11.1	9.6	7.9	8.0	5.6	6.8	3.8	6.0	2.5	5.3	1.9
<b>6525A*</b>	2.7	<b>16.2</b>	D	2.3	2.3	3.0	3.0	3.8	3.8	5.7	5.7	8.0	7.5	10.9	9.0	14.2	10.0	18.0	10.0	24.5	10.0	27.4	10.0
			U	118.0	29.5	76.3	22.5	52.8	17.6	30.0	10.9	19.3	6.6	13.0	4.0	10.0	2.6	8.0	1.7	6.3	1.0	5.0	0.7
			Aluminium	12.0	3.0	12.7	3.75	13.5	4.5	16.5	6.0	22.0	7.5	29.5	9.0	38.0	10.0	47.5	10.0	61.5	10.0	75.0	10.0
<b>10025A*</b>	3.2	<b>19.2</b>	C	8.0	2.8	6.4	2.7	5.4	2.6	4.0	2.0	3.3	1.6	2.7	1.2	2.4	0.90	2.1	0.6	1.9	0.4	1.8	0.3
			D	8.5	3.0	8.9	3.75	9.3	4.5	11.5	6.0	15.5	7.5	21.0	9.0	28.0	10.0	36.0	10.0	44.5	10.0	54.0	10.0
			U	155.6	34.6	106.7	28.6	77.8	24.1	46.9	18.2	29.6	13.5	21.0	10.5	15.4	7.4	11.1	4.6	9.5	3.3	8.0	2.0
<b>Aluminium</b>	3.2	<b>19.2</b>	D	13.5	3.0	14.0	3.75	14.5	4.5	15.5	6.0	16.5	7.5	18.0	9.0	20.7	10.0	24.0	10.0	28.9	10.0	41.0	10.0
			C	10.5	3.3	9.0	3.4	7.9	3.6	6.1	3.7	5.0	3.5	4.2	3.0	3.6	2.50	2.9	2.0	2.8	1.3	2.6	0.9
			D	9.5	3.0	10.0	3.75	10.0	4.5	10.0	6.0	10.6	7.5	12.5	9.0	14.5	10.0	15.0	10.0	21.5	10.0	29.5	10.0

\* MTO: Conditions apply.

### NB:

Figures in Red are for maximum safe working load  
Figures in Black are for normal working load, based on span/200 or 10 mm, whichever is the least

**U** = Safe uniformly distributed load in kilopascals  
**C** = Safe line load normal to plank width in kilonewtons  
**D** = Deflection in millimetres

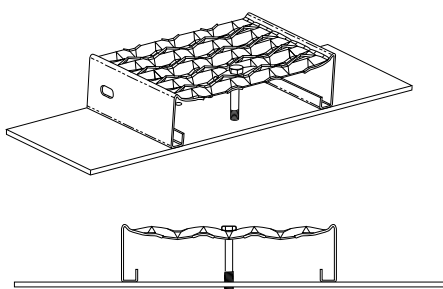
Spans in tables are clear spans between supports.  
Recommended minimum support 25mm (40mm preferred).

Figures in Load Tables apply to single simply supported planks.  
Multiple planks correctly installed and joined would have a higher load capacity.

## Fixing Clips & Accessories

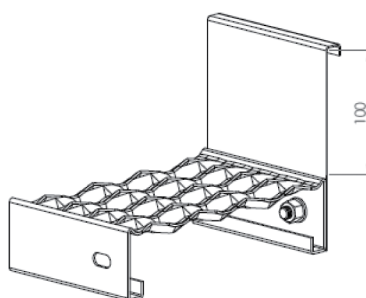
### Anchor Device Clip

**Part No. ADC.** This clip is shaped to fit into the diamond shaped surface openings of the planking. Clip comes separately or can be supplied with 14-10 x 80 self drilling screws



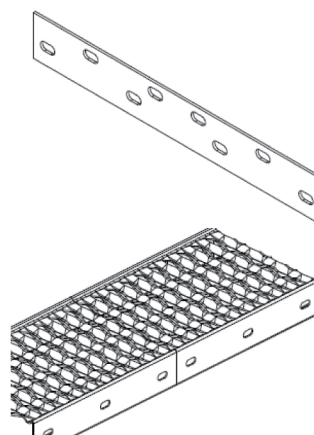
### Heel Toe Plate

**Part No. HT65G** (1.2mm thick)  
A bolt on kick plate available ex-stock in 3 metre lengths. Holes pre-punched at 480mm intervals.  
Use M10 x 20mm bolts.



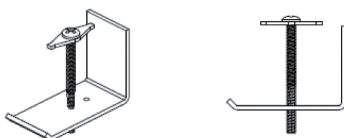
### Splice Plate

**Part No SP65 or SP100** (dependent on leg height)  
Used for joining continuous sections together in runs over clear spans; to enable planks to work as one continuous unit. Alternatively splice plates can be used to join sections over supports. Use HXB-10mm.



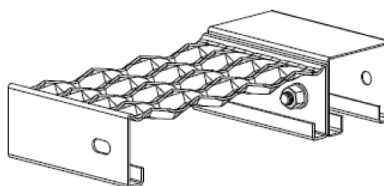
### Hold Down Clamps

**Part No. HDC65.** Consists of one screw, anchor device clip and galvanized clamp plate. Used for securing planks to channel section from above.  
\* Use HDC-AL with Gripspan Aluminium.



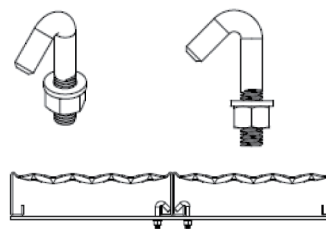
### Filler Panel

**Part No. FP65G**  
Used as a make up piece 75mm wide. Flat sections only, no tread.  
\*100mm wide also available



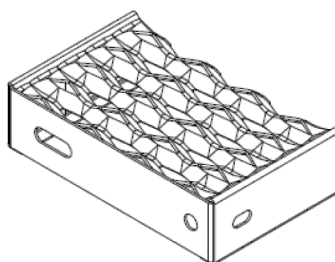
### J Bolt

Used for fixing planks to steel section from below where top fixing isn't possible.



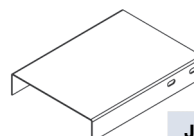
### Carrier Plate (end plate) Joining Planks End to End

**Part No. CPL65 & CPL100** Carrier plates should be welded to each plank. Bolt end to end using M10 x 20mm bolt assemblies. Also used for easily fabricated stair tread assemblies. Cut plank to length and fit carrier plates.

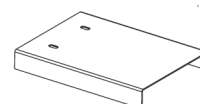


### Joining Brackets


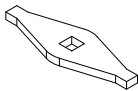
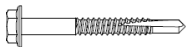

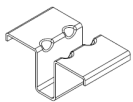

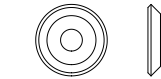
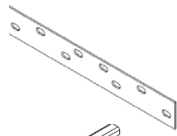
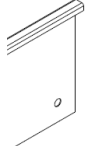
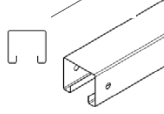
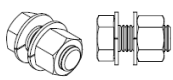
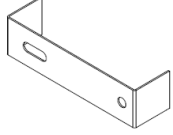
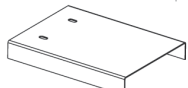
**JB 225-SL**



**JB-300-SR**



## Planking Fixing Clips & Accessories

	COMMON NAME	PART NUMBER	DESCRIPTION
	<b>Hold Down Clamp</b>	HDC65 HDC 100 (100 leg) SGHDC (Shurgrip) HDC65-AL	Securing plain or serrated profiles to steelwork without welding or drilling. SGHDC for securing Shurgrip plank. To secure Aluminium planks to structural steel
	<b>Anchor Device Clamp</b>	ADC (Galv) ADC-AL (Aluminium) ADC SS (Stainless)	Securing plain or serrated SR profiles to steelwork with the use of 14-10X80 drilling screw.
	<b>Self Drilling Screw</b>	14-10X80	To suit ADC diamond washer when fixing PL or SR onto steelwork
	<b>J Bolt with nut &amp; washer</b>	J-Bolt-M8 (Galv)	Fix plank range to supporting members from underside. Drilling into steelwork is required
	<b>Slotted Fixing Clip</b>	SLC65 SLC65-HM	Securing slotted SL or slotted dimpled SLD to steelwork from above with 10-24X65mm self drilling screw
	<b>Self Drilling Screw</b>	10-24X65	To suit SLC 65 when fixing SL or SLD planks into steelwork
	<b>Shurgrip anchor disc</b>	SGAD	To suit Shurgrip profiles when fixing into steelwork using 14-10X80 self drilling screws
	<b>Splice Plate</b>	SP65 (65mm leg height) SP100 (100mm leg height)	Used to splice planks end on end using HXB-10mm, SP65 are fitted parallel to plank inside of the leg (65mm, or 100mm)
	<b>Kickplate / Heel Toe Plate</b>	HT65G (Galvabond) HT65HDG (HD Galvanized) HT65/215 (to suit 100mm leg)	Bolt on kick plate with holes pre-punched Fixed with HXB-8mm bolts.
	<b>Filler Panel</b>	FP65G	Used to make-up piece 75mm wide. Fixed using HXB-8mm bolts. Other widths available on request.
	<b>Joining Bolts</b>	HXB-8MM HXBSS-8MM (stainless steel) HXB-10MM	To join planks side by side at mid span and also to fix accessories to planks
	<b>End Plates / Carrier Plates</b>	CPL65G-300 CPL65G-STD	Used when fabricating planks for use as stair treads. Can be used also to bolt planks end on end. End plates are welded into the ends of planks.
	<b>Expansion Brackets</b>	JB 225-SL JB 300-SR	Expansion brackets used when expansion is required on walkways/platforms, eg. Bridges.

## Roof Tread™ Systems

The Roof Tread system provides a complete roof access system, with the option to specify handrails on one or both sides. Roof Tread also offers a specifically designed angle bracket which raises the walkway platform (and handrails) to a level walking surface, regardless of the roof angle between 5° and 20°. Traditionally supplied in 600mm wide walking surface (Roof Tread™ 600) the system is also available in 900, utilising 3 Gripspan planks side by side.

All walkways, handrails and Roof Tread systems are designed to meet the relevant requirements of ASNZ 1657 and various statutory codes of practice.

Roof Tread Series are named based on the width of the total walkway; additional components to the system are included in the part number system as follows:

Roof Tread Series	Comprises
RT600	2 x 300mm Gripspan Planks
RT601	2 x 300mm Gripspan Planks & Handrail on 1 side
RT601A	2 x 300mm Gripspan Planks, Handrail on 1 side & Angle fixing
RT602	2 x 300mm Gripspan Planks & Handrail on 2 sides
RT602A	2 x 300mm Gripspan Planks, Handrail on 2 sides & Angle fixing
RT675	3 x 225mm Gripspan Planks
RT900	3 x 300mm Gripspan Planks

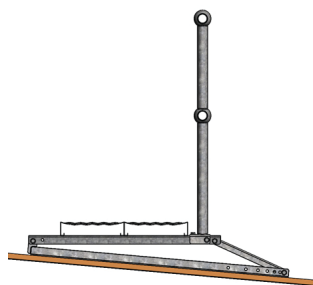
### Installation Advice

- Support frames must be fixed through the roof rib into a structural roof member.
- Maximum spacing between support frames is 1500mm
- When installing frame assembly M12 bolts, fasten to 60N.m
- Ensure all M12 bolts in the support frame assembly are fastened with spring washers (supplied).
- Maximum spacing between handrail stanchions is 2000mm unless using Roof Tread angle which has 1500mm maximum

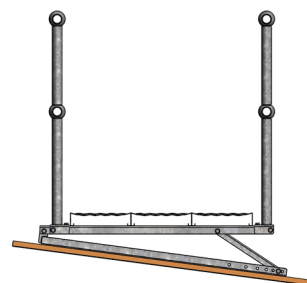
\* For further installation details visit the website.



RT601A

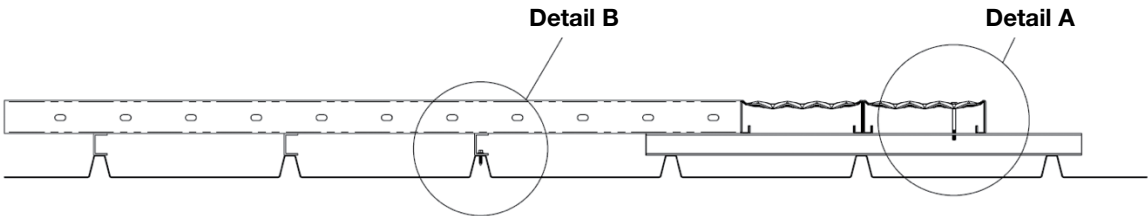
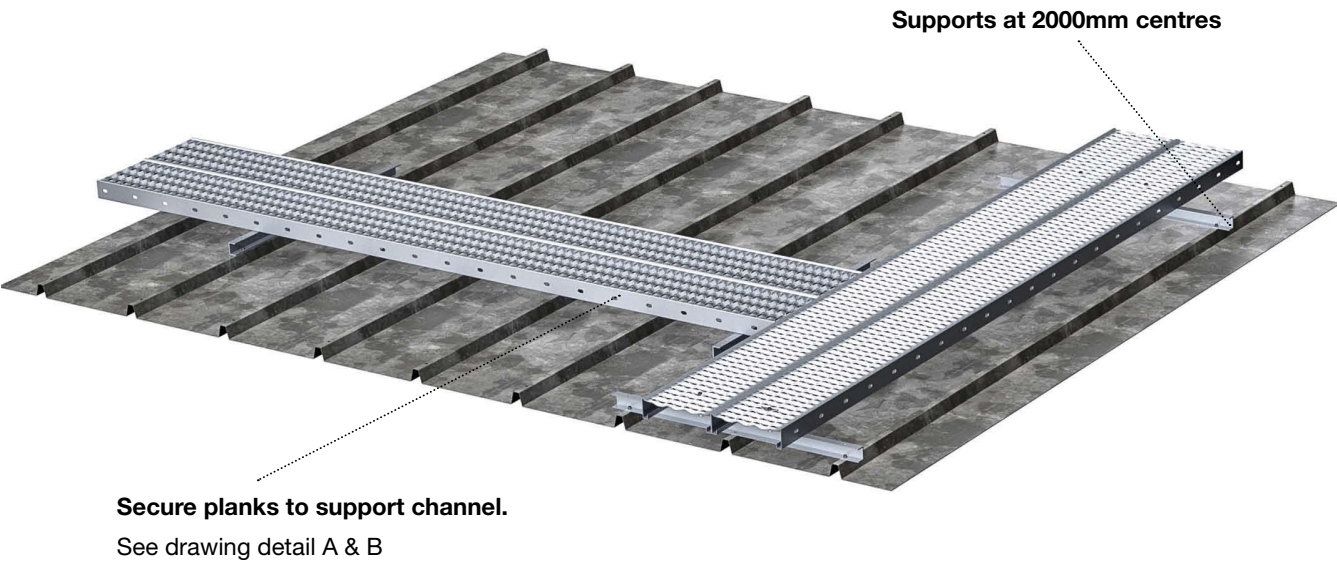


RT601A at 5°



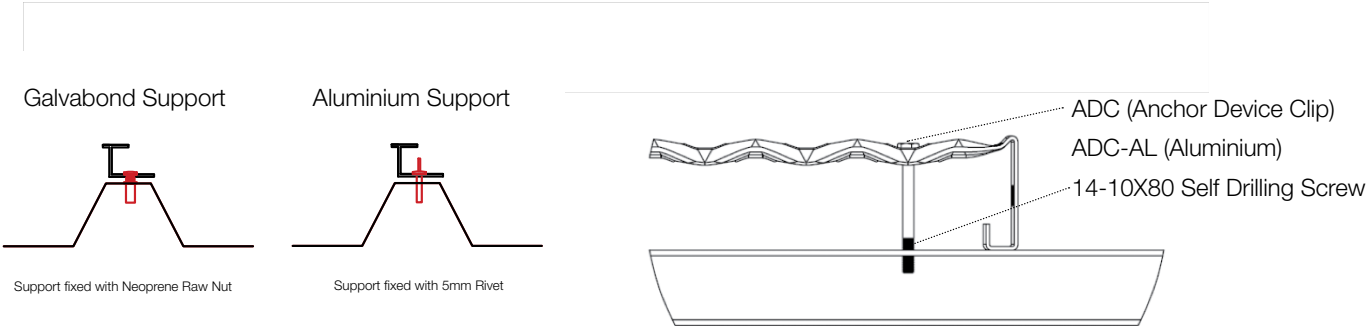
RT902A at 7.5°

# Typical Roof Tread Installations



Detail B - channel to roof sheet

Detail A - fit planks to channel



## Gripspan® Summit Kit

In order to comply with the recommendations of AS1657-2013 App J 2.2, a 2 metre long walkway should be installed at the roof edge to protect employees or contractors accessing the roof via a perimeter ladder or boom lift.

Summit Kits come neatly packaged up and available off the shelf so you can get it on-site and installed fast, with no fuss. Kits include all the components and fasteners you need to build a 2 metre long aluminium roof entry with Gripspan® planking and integrated guardrail, with or without a self closing gate.



Summit Kit in situ, providing safe access to the roof.

### Summit Kits offer the following features

- Easy to assemble - no cutting or fabrication required
- Low maintenance raw aluminium finish
- 2m span between supports - less fixing penetrations
- Suitable for new-build or retrofit.
- Designed and tested to comply with AS1657- 2013
- Minimal installed weight - just 30kg



Available in 2 options - gate or no gate.

<b>Item Code</b>	<b>Description</b>	<b>Kit</b>	<b>Mass (kg)</b>
<b>SK_EDGEg</b>	<b>Summit walkway edge kit with gate</b>	<b>Box A + B</b>	<b>33</b>
<b>SK_EDGE</b>	<b>Summit walkway edge kit without gate</b>	<b>Box A</b>	<b>30</b>



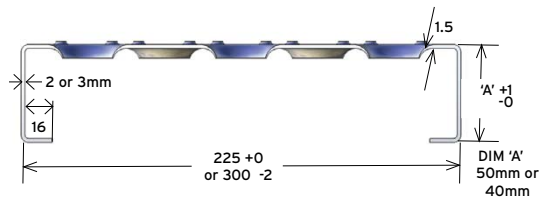
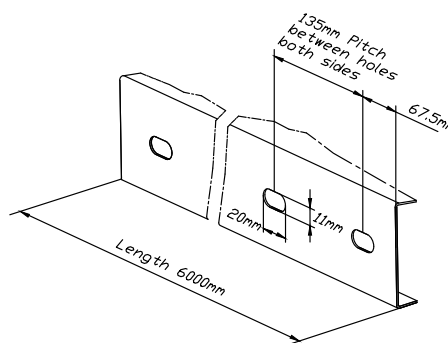
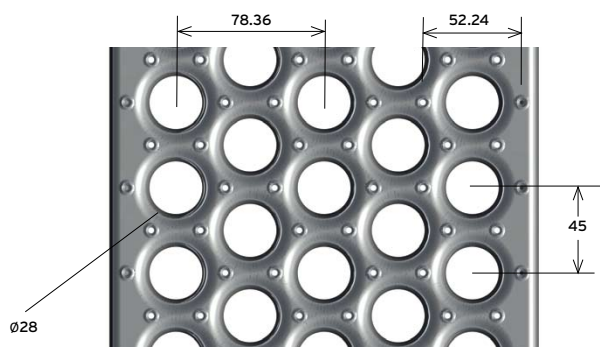
Complete Summit Kit, with gate. SK\_EDGE



## Shur-Grip

Shur-Grip standard planks are manufactured and available in:

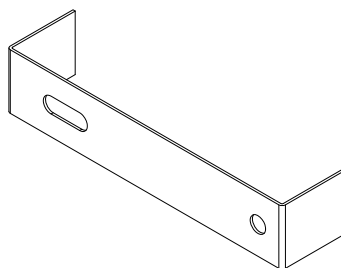
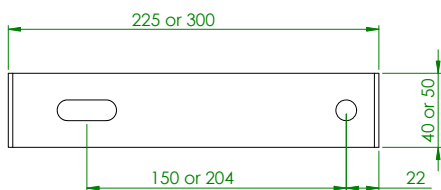
- 225 or 300mm wide planks and stair treads
- 6100mm length standard plank (5800mm in NZ)
- 2.0 or 3.0mm steel thickness
- 40 or 50mm leg heights
- Galvabond, untreated mild steel & hot dipped galvanized



\* For detailed drawings visit the website.

## Shur-Grip Carrier Plates (SGCP)

- Weld to plank ends
- Suitable for joining planks end to end with M10 x 20mm bolt assemblies
- Used for fabrication of stair treads



## Shur-Grip Toe Boards



Standard toe boards are available to suit both 40mm & 50mm leg heights. Toe boards are 3000mm long and can be fixed with M10 x 20 long bolt assemblies at 540mm centres.

Shur-Grip bolt assemblies (SGBA) are available to suit different plank heights; please specify plank height when ordering

- Non standard bolt sizes available on request
- Treads available with floor plate nosing or abrasive nosing



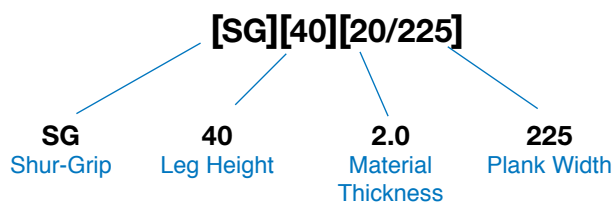
## Load Table

Type	Kgs per lin metre	Kgs per standard plank (6100mm)		300mm Width								
				Span (mm)			900	1200	1500	1800	2100	2400
SG4020/300	6.4	39.04	U	16.67	7.98	4.05						
			D	4.50	6.00	7.50	9.00	10.00	10.00			
			C	2.81	1.80	1.14	0.83	0.55	0.37			
			D	4.50	6.00	7.50	9.00	10.00	10.00			
SG5020/300	6.72	40.99	U	23.43	12.57	6.19	4.13	2.45	1.58	0.99	0.64	
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00	10.00
			C	3.95	2.83	2.00	1.39	0.94	0.63	0.44	0.32	
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00	
SG4030/300	9.59	58.50	U	24.02	11.67	6.29	3.87	2.35	1.36			
			D	4.50	6.00	7.50	9.00	10.00	10.00			
			C	4.05	2.63	1.77	1.31	0.83	0.55			
			D	4.50	6.00	7.50	9.00	10.00	10.00			
SG5030/300	10.09	61.55	U	38.75	18.70	10.25	6.03	3.86	2.37	1.50	1.02	
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00	10.00
			C	6.54	4.21	2.88	2.04	1.29	0.86	0.60	0.44	
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00	

Type	Kgs per lin metre	Kgs per standard plank (6100mm)		225mm Width							
				Span (mm)			900	1200	1500	1800	2100
SG4020/225	5.17	31.54	U	21.96	8.69	3.97	2.29	1.32	0.77		
			D	4.50	6.00	7.50	9.00	10.00	10.00		
			C	2.73	1.35	1.01	0.58	0.38	0.24		
			D	4.50	6.00	7.50	9.00	10.00	10.00		
SG5020/225	5.49	33.49	U	30.91	15.01	8.26	4.87	2.97	1.76	1.15	0.76
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00
			C	3.91	2.53	1.74	1.23	0.87	0.58	0.41	0.30
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00
SG4030/225	7.75	47.28	U	26.47	11.67	8.30	4.43	2.23	1.63		
			D	4.50	6.00	7.50	9.00	10.00	10.00		
			C	3.35	1.97	1.50	1.12	0.68	0.46		
			D	4.50	6.00	7.50	9.00	10.00	10.00		
SG5030/225	8.24	50.26	U	44.05	19.21	10.93	7.68	4.49	2.43	1.77	1.19
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00
			C	5.57	3.24	2.30	1.67	1.19	0.80	0.56	0.41
			D	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00

NB: **U** = Safe uniformly distributed load in kilopascals  
**C** = Safe line load normal to plank width in kilonewtons  
**D** = Deflection in millimetres

Shur-Grip part numbers are coded as follows:





A **valmont**  COMPANY



A **valmont**  COMPANY

AUSTRALIA

**1800 635 947**  
[www.locker.com.au](http://www.locker.com.au)

NEW ZEALAND

**0800 285 837**  
[www.lockernz.co.nz](http://www.lockernz.co.nz)

