

# Safe Flooring Solutions



## Alu-Tread™

Available in:

- Panels and Stair Treads
- Four different heights (13mm, 22mm, 30mm & 40mm)  
6000mm panels as standard

Alu-Tread extruded aluminium grating is a lightweight flooring system which has a wide range of applications.

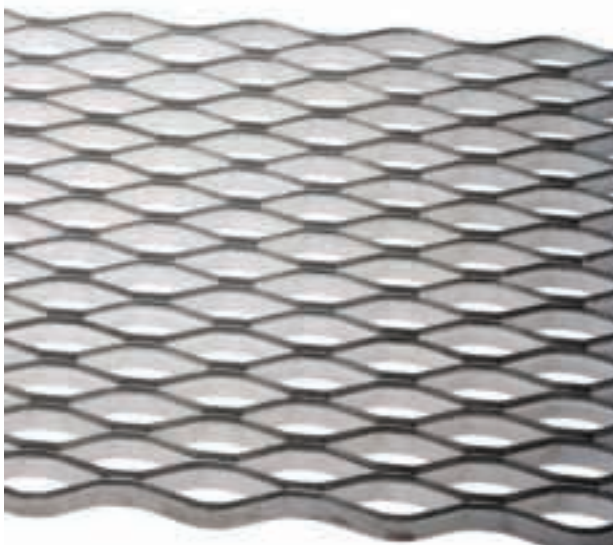
Alu-Tread is supplied in 6063-T6 Aluminium alloy.

Alu-Tread meets the requirements of AS 1657:1992.

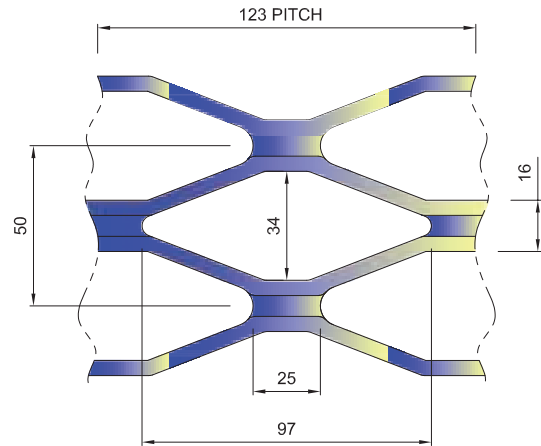
### Standard Specifications

<b>Series 13</b>	Width: 600mm Height: 13mm	Length: 6000mm Weight: 28 kg/panel
<b>Series 22</b>	Width: 600mm Height: 22mm	Length: 6000mm Weight: 35 kg/panel
<b>Series 30</b>	Width: 500mm Height: 30mm	Length: 6000mm Weight: 38 kg/panel
<b>Series 40</b>	Width: 500mm Height: 40mm	Length: 6000mm Weight: 44 kg/panel

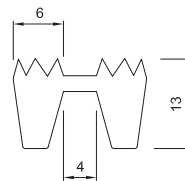
**ALU-TREAD Aluminium GRATING**



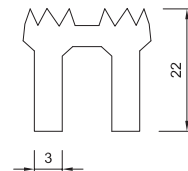
### Series 13 & 22



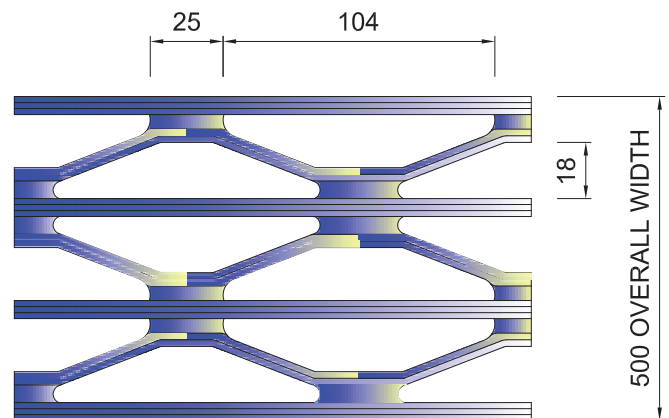
### Series 13



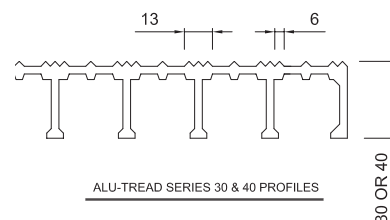
### Series 22



### Series 30 & 40



### Series 30 & 40



ALU-TREAD SERIES 30 & 40 PROFILES

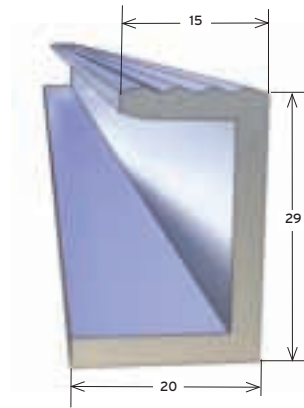
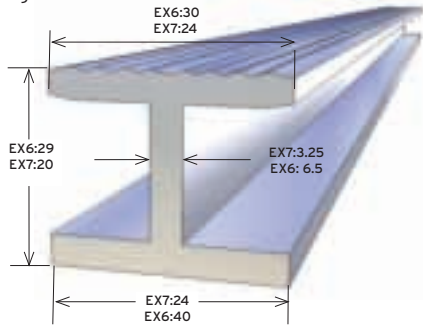
30 OR 40

**Series 22**

Joining Bar EX6

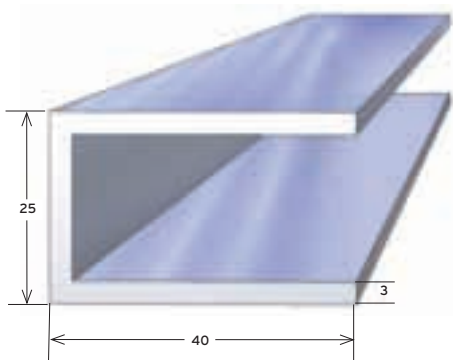
**Series 13**

Joining Bar EX7



**Series 22**

Side Bar: Code EX5



Support Channel EXCH



Alu-Tread			Span (mm)								
Type	Kgs per lin metre		600	750	900	1100					
<b>Series 13</b>	U	4.66	2.50	1.17	0.08						
	D		3.10	3.94	4.70						
<b>Series 22</b>	U	5.83	6.34	3.42	2.54	1.26					
	D		3.10	3.94	4.70	5.46					
<b>Series 30</b>	U	6.33	<b>600</b>	<b>900</b>	<b>1200</b>	<b>1500</b>	<b>1800</b>	<b>2100</b>	<b>2400</b>	<b>2700</b>	<b>3000</b>
	D		41.81	13.58	5.36	2.69	1.62	0.99	0.58	0.32	0.21
	C		3.00	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00
	D		7.84	3.82	2.10	1.26	0.91	0.63	0.44	0.28	0.21
<b>Series 40</b>	U	7.33	92.19	27.16	11.58	5.53	3.27	1.75	1.12	0.73	0.50
	D		3.00	4.50	6.00	7.50	9.00	10.00	10.00	10.00	10.00
	C		17.29	7.64	4.34	2.59	1.84	1.29	0.86	0.59	0.46
	D		3.00	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

Allowable loads are based on SPAN/200 or 10mm whichever is the least.

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.