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## N-I BAR

N-I Bar's ribbed surface makes it an ideal choice for environments in which non-slip qualities are important. Fitted in the same way as Neatdek and Flat Bar, N-I Bar boasts a high strength-to-weight ratio and particularly high end aesthetics.

### N-I BAR

**Fire Rating:** A1 Fire Rated and fully compliant with Class O of Document B

**Surface contact area:** 21%

**Materials used:** load-bearing bars in Aluminium Alloy 6082 T6 & swage bars in Aluminium Alloy 6082 T4

**Recycled content:** 85-100% (finished product is also 100% recyclable)

**Warranty:** all Neaco products come with a Lifetime Guarantee - details on request

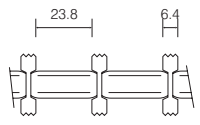
**Free air rate:** 75%

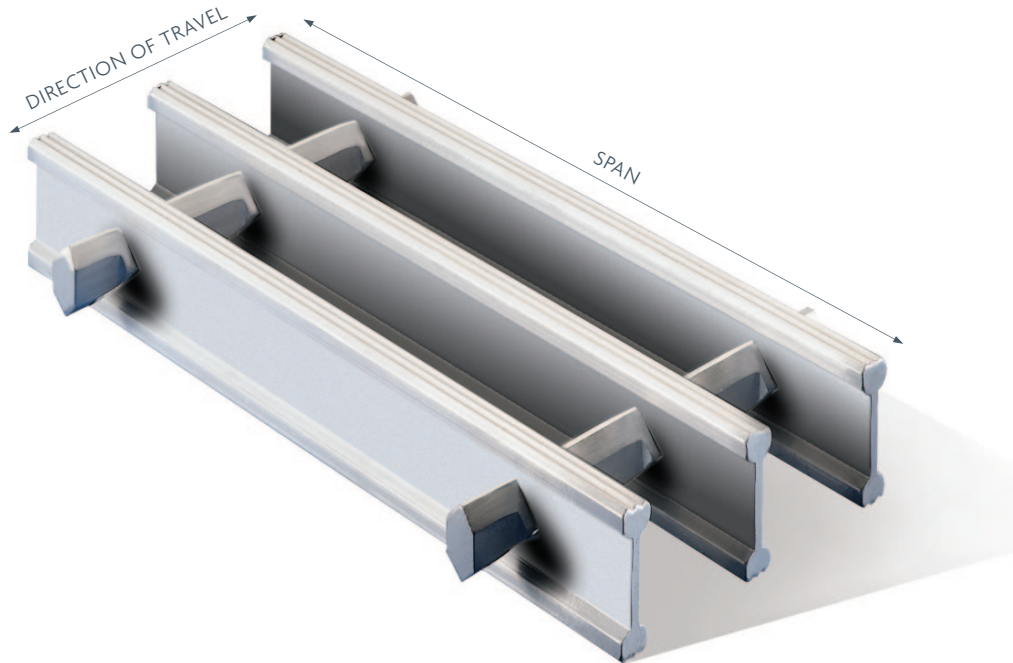


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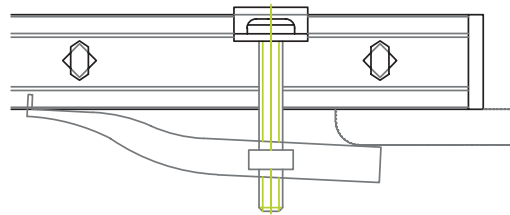
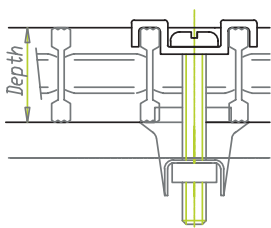
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balustrade | balconies | flooring | grilles | adaptive bathing

		Pedestrian loading categories as described in BS 4592 part 0: 2006		LIGHT DUTY Access limited to one person 3kN/m <sup>2</sup> U.D.L.				GENERAL DUTY Regular two-way pedestrian traffic. 5kN/m <sup>2</sup> U.D.L.				HEAVY DUTY High density pedestrian traffic. 7.5kN/m <sup>2</sup> U.D.L.			
PANEL TYPE		WEIGHT Kg/M <sup>2</sup>	BAR HEIGHT	PLAIN BAR 1/200 SPAN OR 10mm		SERRATED 1/200 SPAN OR 10mm		PLAIN BAR 1/200 SPAN OR 10mm		SERRATED 1/200 SPAN OR 10mm		PLAIN BAR 1/200 SPAN OR 10mm		SERRATED 1/200 SPAN OR 10mm	
	N-I BAR	9.9	25	<b>*1050</b>		<b>*700</b>		<b>1050</b>		<b>*700</b>		<b>920</b>		<b>*700</b>	
		13.0	32	<b>*1500</b>	<i>*1440</i>	<b>*1080</b>		<b>1340</b>	<i>1330</i>	<b>*1080</b>		<b>1170</b>		<b>940</b>	
		14.0	38	<b>1870</b>	<i>*1690</i>	<b>*1550</b>	<i>1380</i>	<b>1580</b>	<i>1500</i>	<b>1370</b>	<i>1350</i>	<b>1380</b>	<i>1360</i>	<b>1200</b>	
		16.4	51	<b>2300</b>	<i>2070</i>	<b>2120</b>	<i>1820</i>	<b>2030</b>	<i>1820</i>	<b>1820</b>	<i>1680</i>	<b>1780</b>	<i>1640</i>	<b>1600</b>	<i>1510</i>



PANEL WIDTHS	
Number of load bearing Bars	N-I BAR
2	38
3	68
4	98
5	128
6	158
7	189
8	219
9	249
10	279
11	309
12	340
13	370
14	400
15	430
16	461
17	491
18	521
19	551
20	581
21	612
22	642
23	672
24	702
25	732
26	763
27	793
28	823
29	853
30	883
31	914
32	944
33	974
34	1004



**BOLD** The figures in bold show the maximum clear span for the category of loading whilst limiting the deflection to 1/200 of the clear span or 10mm, whichever is the lesser.

\* Indicates that the clear span has been reduced further to allow for the effect of a 1kN concentrated load over an area 300mm x 300mm placed at the edge of the panel.

*Italics* Where spans exceed 1300mm and pedestrian comfort is of paramount importance, the table provides details of clear spans which produce deflections of 6.5mm.