



NEWCASTLE FRP SUPPLIES

2025

FRP PRODUCTS



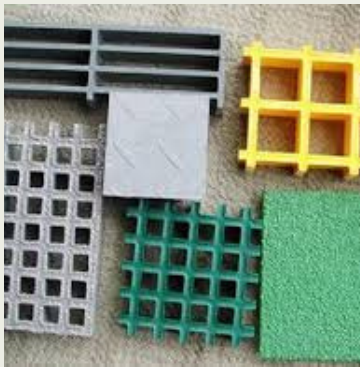
Our Values



Newcastle FRP Supplies is a leading FRP supplier that delivers advanced composite structural supplies across diverse industries, providing a sustainable alternative to steel, aluminum, and timber for infrastructure and engineering applications. Our FRP solutions offer clear advantages over traditional materials—lightweight yet exceptionally strong, resistant to corrosion, and easy to install and maintain.



OUR PRODUCTS



FRP MOULDED GRATES

Lightweight, corrosion-resistant FRP moulded grates offer durable, versatile strength for industrial, commercial, marine, public applications.



STAIR NOSING

Customisable, high-visibility stair nosing with durable anti-slip surface, exceeding P5 standards for demanding environments.



FRP PLUTRUDED GRATING

High-strength pultruded grating, superior to steel and aluminium, delivers long spans, load capacity, and corrosion resistance.



GRATING CLIP SYSTEMS

316-grade stainless steel grating clips, versatile fixing options, complemented by trusted FRP composite structural solutions.



FRP STRUCTURAL PROFILES

FRP structural supplies outperform steel, timber, aluminium, offering durable channels, beams, angles, SHS, tubes, plates.



TRENCH DECKING

Trench Deck interlocking flooring offers anti-slip, chemical resistance, tensile strength, sustainability for public infrastructure.

INDUSTRIES WE SUPPLY



PEDESTRIAN
BRIDGES



TRAFFIC
&
CIVIL



STREET
&
PARK



MARINE
PROJECTS



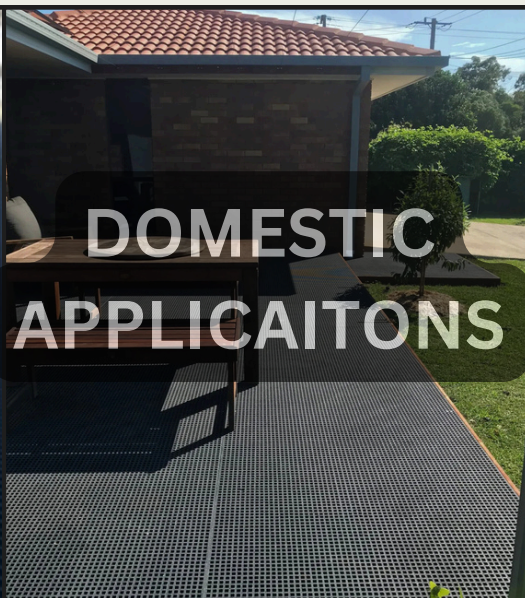
COMMERCIAL
GOV.



ARCHITECTS



FARMS
&
AGRICULTURE



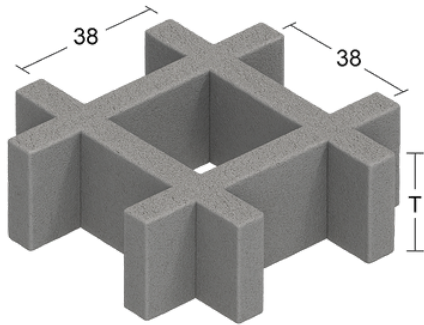
DOMESTIC
APPLICATIONS



INDUSTRIAL
&
MINING

MOULDED GRATING

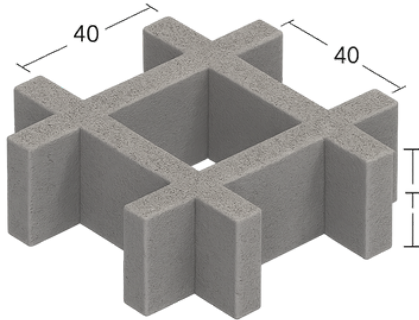
38 x 38



Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
13	6.0/5.0	1220x3660, 1220x4000, 1220x2440, 921x3055, 1264x4010	6.0	78
14	6.0/5.0	1220x3660, 1220x4000, 1220x2440, 921x3055, 1264x4010	6.5	78
15	6.0/5.0	1220x3660, 1220x4000, 1220x2440, 921x3055, 1264x4010	7.0	78
20	6.0/5.0	1220x3660, 1220x4000, 1524x4010, 997x3012	9.8	65
25	6.5/5.0	1220x3660, 1226x4010, 1530x4010, 927x3055, 1524x4000, 997x3012	12.3	68
30	6.5/5.0	1220x3660, 1220x4010, 921x3055, 1524x4010	14.6	68
38	7.0/5.0	1220x3660, 1220x4010, 2100x4240, 998x4010, 1220x2440, 921x3055, 1530x4010, 1530x3050, 1000x4000, 1226x3665	19.5	68
50	9.5/7.5 heavy duty	1000x1990, 1230x3666, 1230x4010	42	56
60	10.5/8.5 heavy duty	1230x4010	50.4	54
70	11.0/9.0 heavy duty	1230x4010	58.8	49

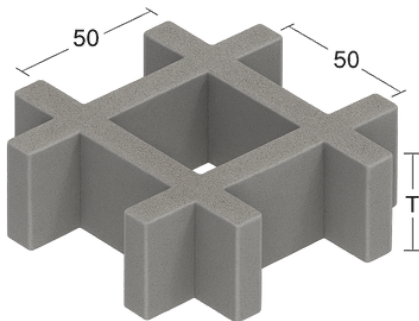
MOULDED GRATING

40 x 40



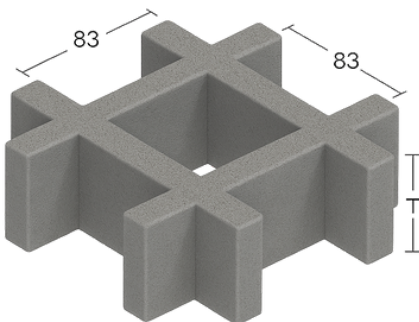
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
25	7.0/5.0	1007x3007, 1007x4007, 1247x4047, 1527x4047	12.3	67
30	7.0/5.0	1527x4047, 1007x3007, 1247x4047	14.6	67
38	7.0/5.0	1527x4047, 1247x4047, 1007x3007, 1007x4047	19.2	67
40	7.0/5.0	1527x4047, 1007x3007, 1007x4047, 1247x1047	19.5	67

50 x 50



Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
15	6.0/5.0	1228 x 4020	5.9	82
25	7.0/6.0	1230x4020	11.5	78
40	6.8/5.0	1787x4530	17.5	80
50	8.0/6.0	1230x4020, 1532x4010	23.7	78

83 x 83

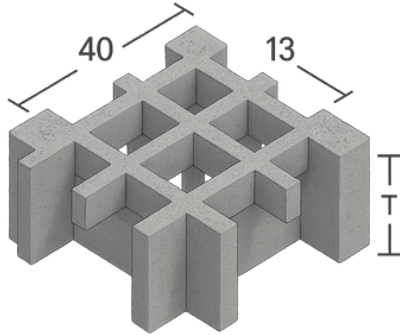


Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
38	7.0/5.0	1007x4007, 1007x3007, 1007x4255	10.0	84
40	7.0/5.0	1007x4007, 1007x3007, 1007x4255	11.0	84

MOULDED GRATING

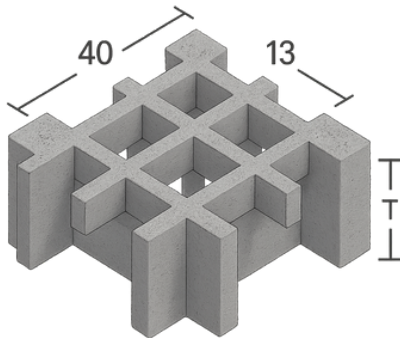
Micro Mesh

13x 13/40 x 40



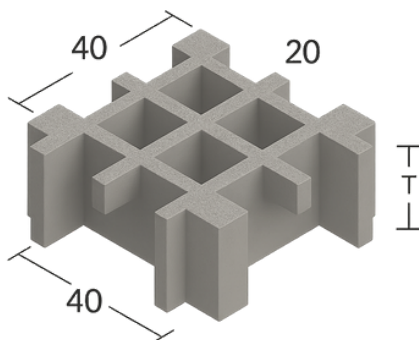
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
25	6.5/4.5/5.0	1247x4047, 1007x3007, 1007x4047, 1530x4047	17.8	30
30	6.5/4.5/5.0	1527x4047, 1247x4047, 1007x3007, 1007x4047	19.1	30
38	6.5/4.5/5.0	1527x4047, 1247x4047, 1007x3007, 1007x4047	23.8	30

19 x 19/38 x 38



Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
25	6.5/5.0	1220x3660, 1220x2440, 921x3055, 1226x4007, 1268x4007	16.8	30
30	6.5/5.0	1220x3660, 1220x2440, 915x3050, 1220x4000, 1530x4007	18.8	30
38	6.5/5.0	1220x3660, 1220x2440, 915x3050, 1220x4000, 1530x4007	23.5	30

20 x 20/40 x 40

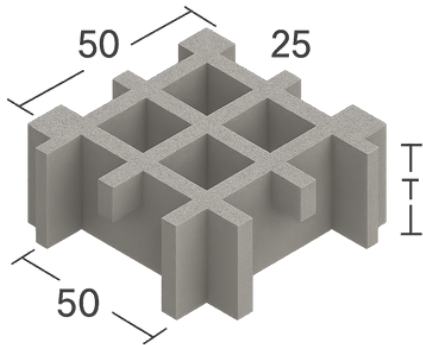


Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
14	6.5/5.0	1247x4047, 1007x3007	10.5	42
22	6.5/5.0	1247x4047, 1007x3007, 1527x4047	14.8	42
25	6.5/5.0	1247x4047, 1527x4047	16.8	42
30	7.0/5.0	1007x4047, 1007x3007, 1247x4047, 1527x4047	18.3	42
38	7.0/5.0	1007x4047, 1007x3007, 1247x4047, 1527x4047	23.2	42
40	7.0/5.0	1007x4047, 1007x3007, 1247x4047, 1527x4047	23.7	42

MOULDED GRATING

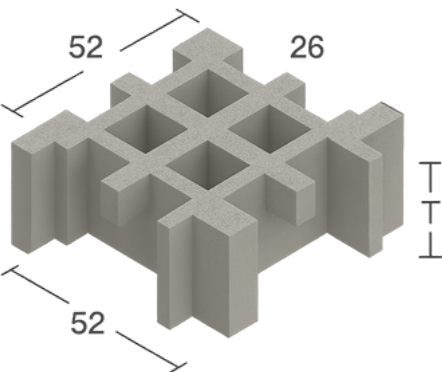
Micro Mesh

25 x 25/50 x 50



Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
50	8.0/6.0	1518x4023	28.5	55

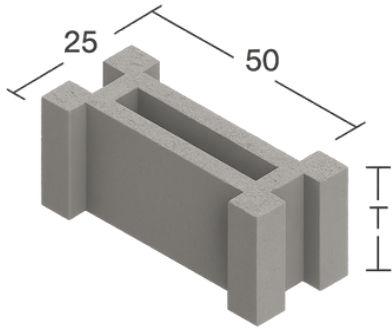
26 x 26/52 x 52



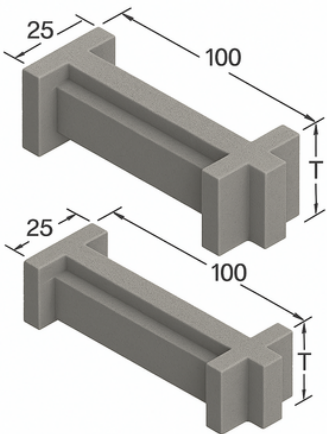
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
30	7.0/6.0	1534x4053	15.3	60
38	6.0/5.0	1512x4012	19.5	60

MOULDED GRATING

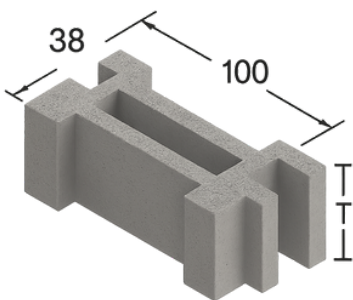
50 x 25 x



100 x 25



100 x 38



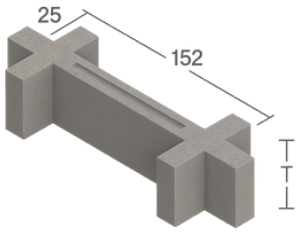
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
38	11.0/9.0 heavy duty	1220x3360, 1220x2440	30.7	48
50	12.0/9.0 heavy duty	1220x3660, 1220x2440	41.8	48

Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
25	7.0/5.5	1007x3007, 1007x4007, 1500x4028	13.0	67
25	7.0/5.0	1220x3660, 915x3050	13.83	67
25	9.5/8.0 heavy duty	1220x3660, 1220x2440, 915x3050	19.5	52
30	7.0/5.5	1007x3007, 1007x4007	15.6	67
38	8.0/6.0 heavy duty	1220x3660	22.8	62
38 (Tshape)	15.0/5.0	1220x3660, 1225x4170	21	62

Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
38	8.0/6.0	1226x3665, 1530x4047, 921x3050	16.4	65

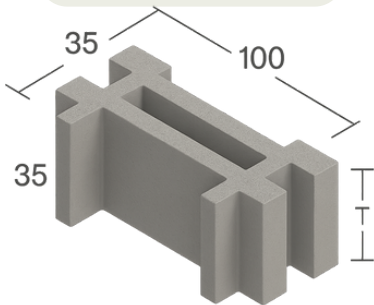
MOULDED GRATING

152 x 25



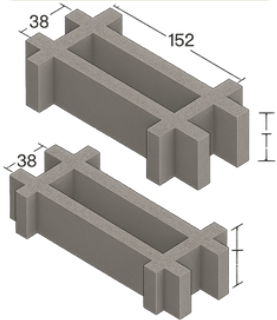
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
38	8.0/6.5	1220x3660, 1220x2440, 1220x4124, 921x3050	22.8	63

100 x 35



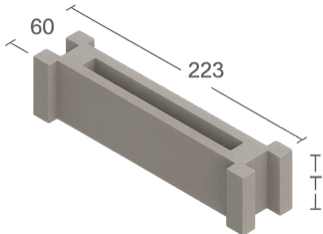
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
38	7.0/5.0	1047x4277, 2407x2982	15	63

152 x 38



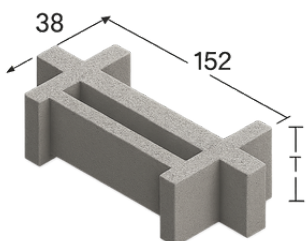
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
38	8.0/6.0	1220x3660, 1220x2440, 915x3050	15.92	67
38 (T Shape0	15.0/8.0	1500X3660	19	62

60 X 223



Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
40	6.3/5.0	1788X2238, 1788X4250	9.0	67

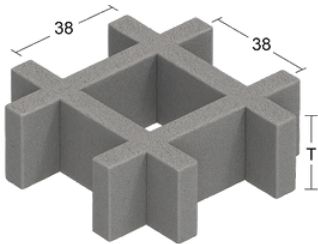
38 x 152



Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m2)	Open %
38 Stair treads)	7.0/5.0	580x3660, 580 x 4120	17	65

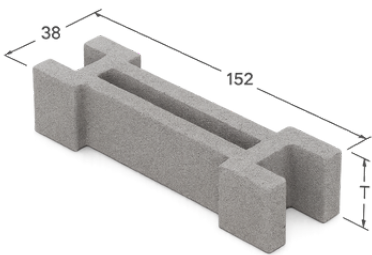
MOULDED GRATING

38 x 38 Phenolic Grating



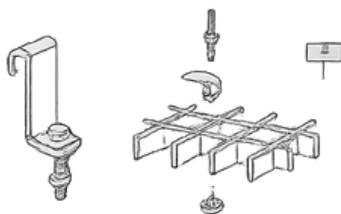
Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
38	7.0/5.0	1220x3660, 1416x3660, 1416x4010	19.5	68

38 x 152 Phenolic Grating



Thickness (mm)	Bar Thickness (mm)	Panel Sizes (mm)	Weight (kg/m ²)	Open %
38 (T-Shape)	15.0/8.0	1500x3660	19.0	62

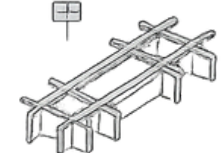
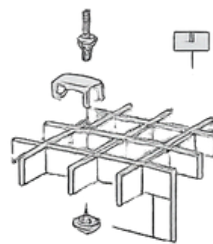
Installation Fixings



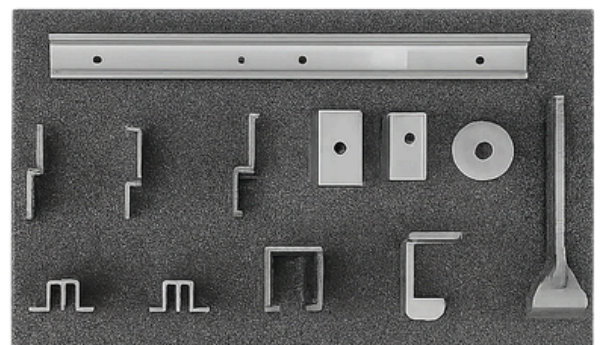
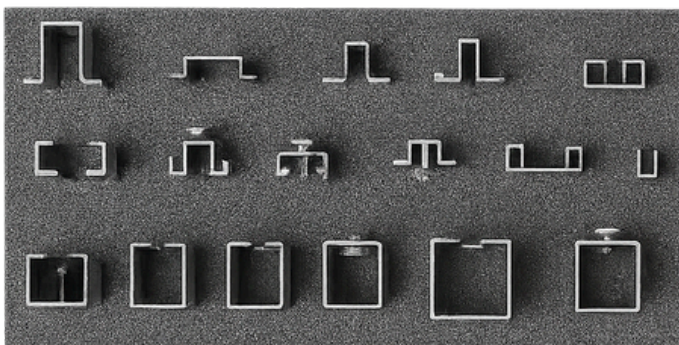
L-Clip



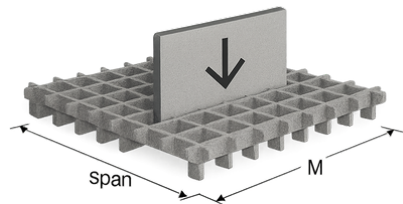
M-Clip



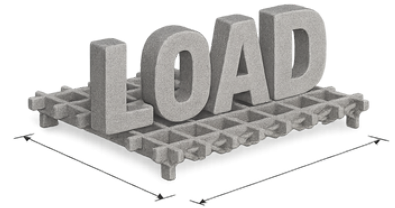
C-Clip



MOULDED GRATING



Concentrated line load-deflection
in mm



Uniform load-deflection in mm

	Bar thickness (Top/Bottom)
	6.0/5.0
	Distance between centers of bearing bars
	38mm
	Open Area
	65%
	Weight per square meter
	9.8 kg/m ²
Standard panel sizes: 1220x4000, 1220x3660, 1524x4010, 987x3012 Both directions	

38x38x20

Deflection Span (mm)	Kg/m						Break Point
	75	150	300	450	750		
300	0.254	0.508	1.016	1.524	2.54		4470
450	0.762	1.524	3.302	4.826	8.128		2980
600	1.778	3.81	7.62	11.176	15.263		2235
750	2.794	5.588	11.43	17.658	21.134		1788
900	5.334	10.668	15.385	21.241	26.583		1490

38x38x20

Deflection Span (mm)	Kg/m						Break Point
	350	500	750	1000	1500	2500	
300	<0.254	0.254	0.508	0.508	1.016	1.524	29280
450	1.016	1.524	2.286	3.048	4.572	7.62	12980.8
600	3.084	4.572	7.112	9.398	12.283	14.103	7320
750	5.842	8.89	---	---	---	---	4084.8
900	7.158	---	---	---	---	---	3226.8

	Bar thickness (Top/Bottom)
	6.4/5.0
	Distance between centers of bearing bars
	38mm
	Open Area
	68%
	Weight per square meter
	12.3 kg/m ²
Standard panel sizes: 1220x4010, 1220x3660, 1524x4010, 987x3012, 915x3050, 915x3050 Both directions	

38x38x25

Deflection Span (mm)	Kg/m						Break Point
	75	150	300	450	600	750	
450	0.559	1.146	2.159	3.073	4.115	4.75	3910
600	1.16	2.32	4.64	6.97	9.29	11.62	2924
900	3.92	7.84	12.116	18.44	19.82	20.77	1948
1200	9.29	18.5	15.33	23.54	25.52	27.98	1461

38x38x25

Deflection Span (mm)	Kg/m						Break Point
	240	480	980	1450	2450	3650	
450	0.66	1.092	1.93	2.769	4.47	6.579	---
600	1.118	2.108	4.14	6.172	10.211	15.265	---
750	2.667	5.387	10.82	16.28	21.738	29.962	---
900	5.537	11.176	21.717	23.164	26.547	31.590	---

	Bar thickness (Top/Bottom)
	6.5/5.0
	Distance between centers of bearing bars
	38mm
	Open Area
	68%
	Weight per square meter
	14.6 kg/m ²
Standard panel sizes: 1220x4010, 1220x3660, 1524x4000, 1524x4026, 915x3050 Both directions	

38x38x30

Deflection Span (mm)	Kg/m						Break Point
	75	150	300	450	750	1500	
300	<0.254	<0.254	0.254	0.508	0.762	1.524	9923.4
450	0.254	0.508	1.016	1.524	2.54	3.92	4827.6
600	0.508	1.27	2.286	3.556	5.842	7.38	4112.4
750	1.27	2.54	4.826	7.386	12.446	15.98	3173.7
900	2.27	4.54	9.08	13.63	18.72	22.05	2637.3

38x38x30

Deflection Span (mm)	Kg/m						Break Point
	350	500	750	1000	1500	2500	
300	0.29	0.48	0.57	0.75	1.15	1.82	---
450	0.78	1.19	1.81	2.47	3.54	4.95	---
600	1.76	2.66	4.28	5.56	8.41	13.19	---
750	3.48	5.12	8.21	10.95	16.42	---	---
900	5.89	8.81	14.15	18.92	---	---	---

	Bar thickness (Top/Bottom)
	6.4/5.0
	Distance between centers of bearing bars
	38mm
	Open Area
	65%
	Weight per square meter
	12.3 kg/m ²
Standard panel sizes: 1220x4010, 1220x3660, 1524x4010, 997x3012, 915x3050 Both directions	

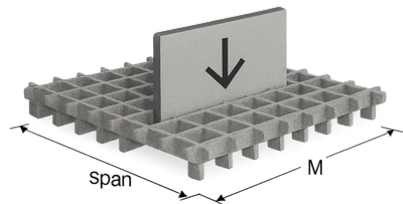
38x38x38

Deflection Span (mm)	Kg/m						Break Point
	150	300	450	600	750	1500	
300	0.356	0.483	0.61	0.762	0.889	1.06	17116
600	0.66	1.245	1.85	2.464	3.073	8.48	8718
900	1.803	3.683	5.563	7.417	9.296	13.79	5817
1200	4.749	9.677	14.63	19.583	21.19	---	3755

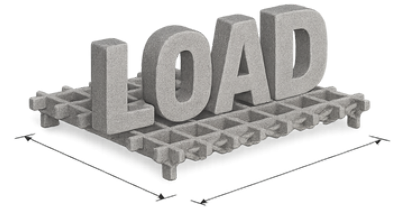
38x38x38

Deflection Span (mm)	Kg/m						Break Point
	240	480	980	1450	2450	3650	
300	0.09	0.19	0.38	0.49	0.78	1.05	---
600	0.432	0.813	1.549	2.311	3.8354	5.74	---
900	1.702	3.454	6.959	10.465	17.475	23.25	---
1200	5.969	12.167	24.511	32.58	38.65	---	---

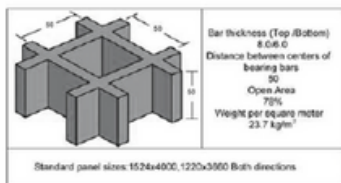
MOULDED GRATING



Concentrated line load-deflection
in mm



Uniform load-deflection in mm

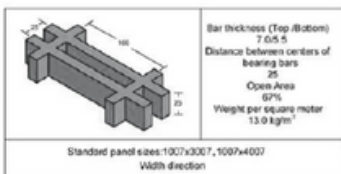


50×50×50

Deflection	Kg/m						Break Point
Span (mm)	150	300	450	600	750	1500	
300	0.305	0.406	0.483	0.635	1.041	1.45	21727
600	0.508	0.813	1.128	1.753	3.327	4.27	11713
900	1.118	2.235	3.2	5.156	6.58	13.46	7780
1200	1.33	2.61	5.98	9.95	11.92	---	5834

50×50×50

Deflection	Kg/m						
Span (mm)	240	480	980	1450	2450	3650	4880
300	0.254	0.279	0.33	0.381	0.483	0.737	---
600	0.381	0.584	0.965	1.372	2.134	4.115	---
900	1.194	2.108	3.937	5.766	9.449	18.593	---
1200	2.413	4.928	9.957	14.961	16.810	21.575	---

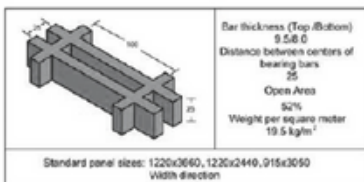


25×100×25

Deflection	Kg/m						Break Point
Span (mm)	75	150	300	450	600	750	
300	0.33	0.463	0.737	0.991	1.27	1.52	9442
600	0.864	1.727	3.454	5.182	6.909	8.636	4305
750	1.397	2.718	5.105	7.163	9.55	11.938	3589
900	2.413	4.724	8.814	12.369	16.51	20.625	3216

25×100×25

Deflection	Kg/m						
Span (mm)	240	480	980	1450	2450	3650	4880
300	0.279	0.381	0.533	0.711	1.041	---	1.905
600	0.914	1.854	3.683	5.537	9.22	---	18.486
900	3.632	6.6	12.573	18.542	---	---	---
1050	8.007	14.884	---	---	---	---	---

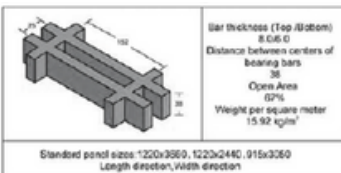


25×100×25

Deflection	Kg/m						Break Point
Span (mm)	75	150	300	450	750	1500	
300	<0.254	0.254	0.762	1.016	1.27	1.524	10057.5
450	0.508	0.762	1.778	2.54	3.302	4.318	7263.75
600	0.762	1.778	3.556	5.08	6.858	---	5773.75
750	1.524	3.048	6.096	9.144	11.938	---	4842.5
900	2.286	4.826	9.652	---	---	---	4172
1050	3.556	7.112	---	---	---	---	3687.75
1200	5.08	10.16	---	---	---	---	3501.50

25×100×25

Deflection	Kg/m						Break Point
Span (mm)	250	350	300	750	1000	1500	
300	<0.254	<0.254	<0.254	0.254	0.508	0.508	32940
450	0.508	0.508	0.762	1.27	1.524	2.286	18910
600	1.016	1.27	2.032	3.302	4.318	6.35	15860
750	2.286	3.048	4.572	7.112	9.398	---	12688
900	4.572	5.842	8.89	---	---	---	9110.96
1050	7.874	10.16	---	---	---	---	6900.32
1200	12.7	---	---	---	---	---	5734



38×152×38

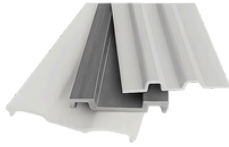
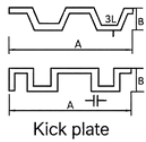
Deflection	Kg/m						Break Point
Span (mm)	75	150	300	450	600	750	
300	<0.254	<0.254	0.254	0.508	0.508	0.762	12627.75
450	<0.254	0.254	0.762	1.016	1.524	1.778	9945.75
600	0.254	0.762	1.524	2.286	3.046	3.81	8232.85
750	0.762	1.27	2.794	4.064	5.334	6.604	7040.25
900	1.016	2.286	4.318	6.64	8.636	10.92	6146.25
1050	1.524	3.302	6.604	9.906	---	---	5438.5
1200	2.286	4.826	9.652	---	---	---	5140.5

38×152×38

Deflection	Kg/m						Break Point
Span (mm)	350	450	750	1000	1500	2500	
300	<0.254	<0.254	<0.254	0.254	0.254	0.508	41358
450	<0.254	0.254	0.508	0.762	1.016	1.778	26962
600	0.508	1.016	1.27	1.778	2.794	4.572	21716
750	1.027	2.032	3.048	4.064	6.35	---	18446.4
900	2.54	4.064	6.096	8.128	12.192	---	13420
1050	4.572	7.112	10.668	---	---	---	10179.68
1200	7.874	11.938	---	---	---	---	8418

PULTRUDED PROFILES

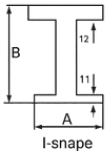
Kick Plates



Type	Dimension (mm)	Weight (kg/m2)
M2	100 X 13 X 3.3M - SHAPE	1.10
M3	100 X 16 X 5.0M - SHAPE	1.30
M4	148 X 12 X 4M - SHAPE	1.27
M5	148 X 12 X 3M - SHAPE	1.20
W1	100 X 19 X 5.0W - SHAPE	1.36
W2	100 X 15 X 3.2W - SHAPE	1.10
W3	150 X 15 X 3.2W - SHAPE	1.60
W4	200 X 14 X 3.0W - SHAPE	1.50

I - SHAPE

A X B X T1 X T2



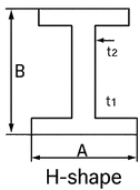
Type	Dimension (mm)	Weight (kg/m2)
IB32	15 X 32 X 6.4 X 4.0	0.51
IB38A	30 X 38 X 3.0 X 3.0	0.53
IB45A	45 X 9.0 X 180 X 12.0	5.40
IB50A	50 X 102 X 6.4 X 6.4	2.40
IB50B	50 X 102 X 8.0 X 8.0	3.00
IB70	70 X 140 X 6.35 X 6.35	3.30
IB76A	76 X 152 X 6.4 X 6.4	3.59
IB76B	76 X 152 X 9.5 X 9.5	5.32
IB100	100 X 75 X 6.0 X 6.0	3.00
IB102A	102 X 203 X 9.5 X 9.5	7.20
IN102B	102 X 203 X 12.7 X 12.7	9.50
IB120	120 X 240 X 12 X 12	10.50
IN127A	127 X 254 X 9.5 X 9.5	9.00

PULTRUDED PROFILES

Type	Dimension (mm)	Weight (kg/m2)
IB127B	127 X 254 X 12.7 X 12.7	11.90
IB127C	127 X 152 X 9.5 X 9.5	7.10
IB127D	127 x 152 x 12.7 x 12.7	9.20
IB152A	152 x 305 x 9.5 x 9.5	10.74
IB152B	152 x 305 x 12.7 x 12.7	14.30

H - SHAPE

A X B X T1 X T2

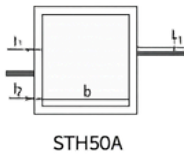
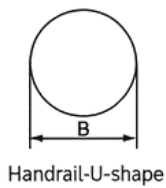
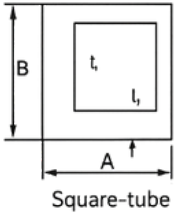


Type	Dimension (mm)	Weight (kg/m2)
HB76	76 X 76 X 6.4 X 6.4	2.67
HB102A	102 X 102 X 6.4 X 6.4	3.59
HB102B	102 X 102 X 8.0 X 8.0	4.50
HB152A	152 X 152 X 6.4 X 6.4	5.43
HB152B	152 X 152 X 9.5 X 9.5	8.10
HB203A	203 X 203 X 9.5 X 9.5	10.80
HB203B	203 X 203 X 12.7 X 12.7	14.36
HB203C	203 X 203 X 6.4 X 6.4	7.50
HB254A	254 X 254 X 9.5 X 9.5	13.60
HB254B	254 X 254 X 12.7 X 12.7	18.04
HB305	305 X 305 X 12.7 X 12.7	21.50

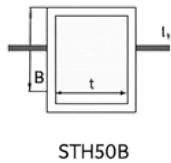
PULTRUDED PROFILES

SQUARE TUBE

A X B X T1 X T2



STH50A



STH50B



STH50B

Type	Dimension (mm)	Weight (kg/m2)
ST25A	25 X 25 X 3.2 X 3.2	0.53
ST25B	25 X 25 X 6.4 X 6.4	0.90
ST32A	32 X 32 X 3.2 X 3.2	0.70
ST32B	32 X 32 X 6.4 X 6.4	1.24
ST38A	38 X 38 X 3.2 X 3.2	0.85
ST38B	38 X 38 X 5.0 X 5.0	1.25
ST38C	38 X 38 X 6.4 X 6.4	1.54
ST44A	44 X 44 X 3.2 X 3.2	1.01
ST44B	44 X 44 X 6.4 X 6.4	1.83
ST50A	50 X 50 X 3.2 X 3.2	1.14
ST50B	50 X 50 X 3.5 X 3.5	1.24
ST50C	50 X 50 X 4.0 X 4.0	1.42
ST50D	50 X 50 X 5.0 X 5.0	1.74
ST50E	50 X 50 X 6.4 X 6.4	2.12
ST54A	54 X 54 X 3.2 X 3.2	1.24
ST45B	54 X 54 X 4.8 X 4.8	1.78
ST60A	60 X 60 X 5.0 X 5.0	2.10
ST64A	64 X 64 X 3.2 X 3.2	1.48
ST64B	64 X 64 X 4.4 X 4.4	1.97
ST64C	64 X 64 X 6.4 X 6.4	2.80
ST76A	76 X 76 X 3.2 X 3.2	1.77
ST76B	76 X 76 X 5.0 X 5.0	2.70
ST76C	76 X 76 X 6.4 X 6.4	3.39
ST76D	76 X 76 X 9.5 X 9.5	4.89

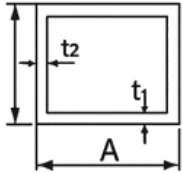
PULTRUDED PROFILES

Type	Dimension (mm)	Weight (kg/m ²)
ST89A	89 X 89 X 6.4 X 6.4	3.95
ST90A	90 X 90 X 5.0 X 5.0	3.50
ST90B	90 X 90 X 6.4 X 6.4	4.10
ST100A	100 X 100 X 10 X 10	6.90
ST101A	101 X 101 X 3.2 X 3.2	2.38
ST101B	101 X 101 5.0 X 5.0	3.61
ST101C	101 X 101 X 6.4 X 6.4	4.61
ST101D	101 X 101 X 8.0 X 8.0	6.00
ST125A	125 X 125 X 6.4 X 6.4	5.90
ST125B	125 X 125 X 8.0 X 8.0	7.30
ST152A	152 X 152 X 6.4 X 6.4	7.10
ST152B	152 X 152 X 9.5 X 9.5	10.4
ST152C	152 X 152 12.7 X 12.7	13.5
STR25	25 X 25 X 3.175 X 3.175	
	A X B X T	
	62 X 59 4.5	1.50
	62 X 60 X 5.0	1.70
	A X B X T1 X T2	
STH50A	50 X 50 X 6.4 X 5.0	3.0
STH50B	50.8 X 50.8 X 6.4 X 5.0	2.5

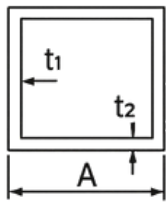
PULTRUDED PROFILES

FLAT TUBE

A X B X T1 X T2



Flat tube



Flat tube(stair)



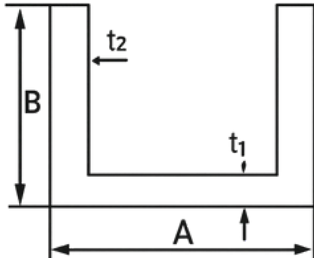
Flat tube(stair)

Type	Dimension (mm)	Weight (kg/m ²)
FT44A	44 X 25 X 3.2 X 3.2	0.80
FT44B	44 X 20 X 3.2 X 3.2	0.75
FT44C	44 X 20 X 3.0 X 3.0	0.62
FT50A	50 X 25 X 3.0 X 3.0	0.79
FT50B	50 X 25 X 6.4 X 6.4	1.54
FT50.8	50.8 X 101.6 X 6.35 X 6.35	3.30
FT51A (STAIR)	51 X 25 X 4.0 X 4.0	1.01
FT51B (STAIR)	51 X 38 X 4.0 X 4.0	1.22
FT52 (STAIR)	52 X 32 X 5.0 X 5.0	1.41
FT75	75 X 38 X 4.0 X 4.0	1.70
FT76	76 X 30 X 6.0 X 6.0	1.60
FT80A	80 X 60 X 5.0 X 5.0	2.50
FT80B	80 X 30 X 4.0 X 4.0	1.60
FT90A	90 X 30 X 5.0 X 5.0	2.25
FT90B	90 X 63 X 5.0 X 5.0	2.75
FT91A	91 X 38 X 4.0 X 4.0	1.78
FT100	100 X 75 X 5.0 X 5.0	3.25
FT101.6	101.6 X 50.8 X 6.35 X 6.35	3.45
FT112A	112 X 91 X 6.4 X 6.4	4.46
FT120	120 X 45 X 3.0 X 3.0	2.00
FT125	125 X 75 X 6.0 X 6.0	4.35
FT140	140 X 30 X 5.0 X 5.0	3.20
FT150A	150 X 100 X 6.35 X 6.35	5.80
FT175	175 X 50 X 9.0 X 9.0	7.00
FT200	200 X 30 X 5.0 X 5.0	4.30

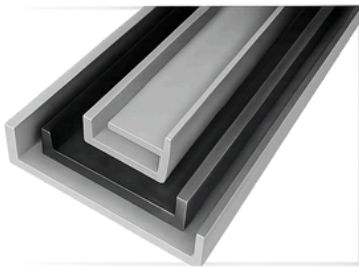
PULTRUDED PROFILES

C - CHANNEL

A X B X T1 X T2



C-Channel



Type	Dimension (mm)	Weight (kg/m ²)
C25	25 X 14 X 3.0 X 3.0	0.28
C26	26 X 18 X 3.2 X 3.2	0.30
C32	31 X 23 X 4.0 X 4.0	0.65
C32	32 X 13 X 3.0 X 3.0	0.25
C33	33 X 29 X 4.0 X 4.0	0.65
C36	36 X 30 X 4.0 X 4.0	0.68
C40	40 X 24 X 3.2 X 3.2	0.50
C41.3	41.3 X 41.3 X 3.8 X 3.8	1.10
C45	45 X 28 X 6.4 X 6.4	1.07
C50A	50 X 14 X 3.2 X 3.2	0.44
C50B	50 X 30 X 5.0 X 5.0	0.96
C52	52 X 50 X 6.0 X 6.0	1.63
C60A	60 X 50 X 5.0 X 5.0	1.44
C70	70 X 30 X 4.5 X 4.5	0.95
C75	75 X 35 X 5.0 X 5.0	1.37
C76A	76 X 22 X 6.4 X 6.4	1.31
C76B	76 X 38 X 6.4 X 6.4	1.70
C80A	80 X 40 X 10.0 X 10.0	2.70
C90A	90 X 35 X 5.0 X 5.0	1.49
C90B	90 X 35 X 8.0 X 8.0	2.10
C90C	90 X 50 X 6.0 X 6.0	2.12
C101.6A	101.6 X 28.5 X 6.35 X 6.35	1.80
C102A	102 X 27 X 3.2 X 3.2	0.91
C102B	102 X 29 X 4.8 X 4.8	1.45
C102C	102 X 30 X 4.0 X 4.0	1.20

PULTRUDED PROFILES

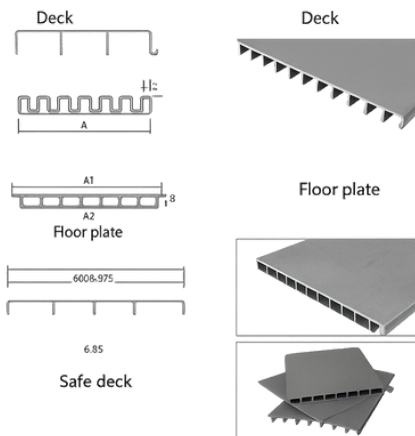
Type	Dimension (mm)	Weight (kg/m ²)
C102E	102 X 44 X 4.8 X 4.8	1.65
C102F	102 X 44 X 6.4 X 6.4	2.10
C102H	102 X 35 X 4.8 X 4.8	1.50
C102G	102 X 35 X 6.35 X 6.35	2.00
C117	117 X 85 X 5.0 X 5.0	2.70
C120A	120 X 25 X 5.0 X 5.0	1.52
C120B	120 X 30 X 5.0 X 5.0	1.62
C120C	120 X 40 X 5.0 X 5.0	1.81

HEXAGON TUBE



Type	Dimension (mm)	Weight (kg/m ²)
HEXAGON TUBE	356 X 3.0	6.9

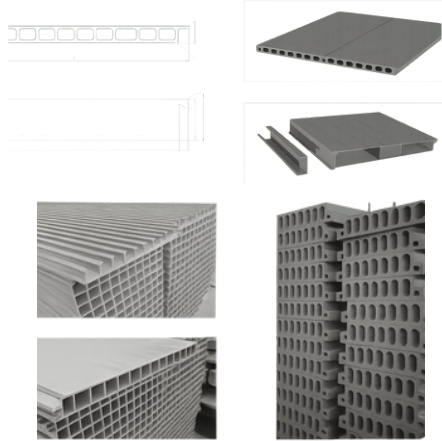
DECK & FLOOR



Type	Dimension (mm)	Weight (kg/m ²)
DECK: A X T1 X B X T2	250 X 32 X 5	4.5
	250 X 40 X 6	5.3
	305 X 6.4 X 47.5 X 6.4	8.5
	305 X 3.2 X 54 X 6.25	4.6
FLOOR PLATE: A1 X T1 X A2 X T2 X B X T3	500 X 6.0 X 450 X 6.0 X 48.5 X 6.0	16.4
	500 X 6.0 X 450 X 6.0 X 48.5 X 9.0	18.5
	650 X 13.0 X 550 X 13.0 X 98.5 X 12.0	52.5
	725 X 4.5 X 675 X 4.5 X 45 X 4.5	17.9
FLOOR: A X T1 X B X T2	605 X 3.2 X 28.7 X 5.0	5.8
	500 X 40 X 50	6.65

PULTRUDED PROFILES

DECK & FLOOR

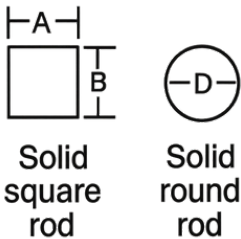


Type	Dimension (mm)	Weight (kg/m2)
	FL-A 508 X 7.0 X 50.8 X 8.0	19.7
	FL-B 635 X 12.0 X 101.6 X 13.0	54.6
	FL-C 498 X 4.0 X 50 X 4.0	9.4
	FL-D 500 X 4.0 X 50 X 5.0	9.8
	50 X 20 X 4.0 X 4.0	0.7
	55 X 31 X 3.0 X 3.0	0.6

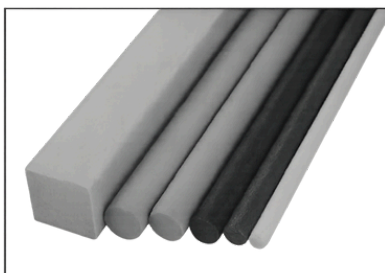
SOLID SQUARE & ROUND ROD

SQUARE: A X B

ROUND: D

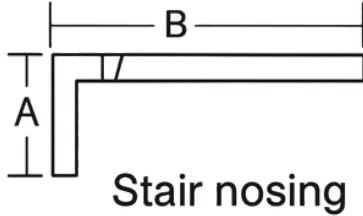


Type	Dimension (mm)	Weight (kg/m2)
SQAURE: SSR25	25 X 25	1.23
SSR32	32 X 32	2.00
SSR38	38 X 38	2.80
ROUND: SRR60	6.0	0.08
SRR95	9.5	0.14
SRR127	12.7	0.26
SRR254	25.4	1.00
SRR328	31.8	1.51
SRR380	38.0	2.15
SRR42	4.2	0.03
SRR80	8.0	0.10
SRR16	16	0.41
SRR19	19	0.55
SRR20	20	0.62
SRR22	22	0.72



PULTRUDED PROFILES

STAIRS NOSING & ANGLE



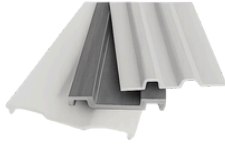
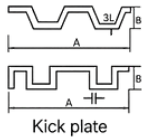
Type	Dimension (mm)	Weight (kg/m2)
STAIR NOSING	9 X 70 X 3.2 (TILTED EDGE)	0.48
	25 X 60 X 3.0	0.5
	25 X 50 X 3.0 (75°)	0.45
	30 X 70 X 4.0 (90°) TILTED EDGE	0.75
	30 X 70 X 3.2 (90°) TILTED EDGE	0.7
ROUND ANGLE	30 X 90 X 3.0 (87°)	0.72
	38 X 230 X 3.2 (87°)	1.65
	38 X 230 X 3.2 (90°)	1.65
	40 X 254 X 6.4 (87°)	3.55
	50 X 90 X 3.2 (90°)	0.85
	50 X 140 X 3.2 (90°)	1.19
	55 X 152 X 3.6 (87°)	1.55
	55 X 230 X 3.6 (87°)	2.14
	55 X 205 X 3.2 (90°)	1.62
	55 X 55 X 3.2 (87°)	0.8
	55 X 70 X 3.2 (87°)	0.9
	30 X 76 X 3.0	0.6
	30 X 76 X 4.0	0.8
	25 X 50 X 3.2 (87°)	0.45
	25 X 50 X 4.0 (87°)	0.51
	25 X 100 X 3.2 (87°)	0.75
	30 X 75 X 3.5 (90°)	0.69
	30 X 100 X 3.2 (90°)	0.80
SQUARE ANGLE	30 X 100 X 3.2 (87°)	0.85

PULTRUDED PROFILES

Type	Dimension (mm)	Weight (kg/m2)
SQUARE ANGLE	30 X 152 X 3.2 (87°)	1.2
ROUND ANGLE	30 X 230 X 3.2 (90°)	1.6
SQUARE ANGLE	30 X 230 X 3.2 (87°)	1.7
	55 X 300 X 4.0 (90°)	2.8
	55 X 345 X 4.0 (87°)	3.25
	30 X 381 X 3.2 (87°)	2.7
	55 X 400 X 3.2	2.8

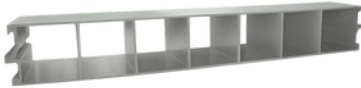
PULTRUDED PROFILES

ROOF PLATES



Type	Dimension (mm)	Weight (kg/m2)
ROOF PLATE - A	1000 X 50.8 X 4.0	9.1
ROOF PLATE - B	750 X 38 X 2.8	5.0

WALL PANEL



Type	Dimension (mm)	Weight (kg/m2)
WALL PANEL - A	450 X 4.5 X 150 X 6.0	18.2
WALL PANEL - B	1000 X 140 X 5.0	31.6

DECKING HOLES

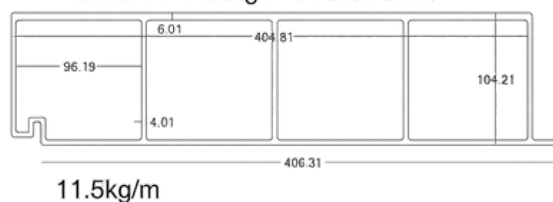


Type	Dimension (mm)	Weight (kg/m2)
7 HOLES DECKING	600 X 8.5 X 56 X 8.0	25.4
4 HOLES DECKING A	475 X 4.0 X 70 X 5.0	10.9
4 HOLES DECKING B	404 X 104 X 4.0	11.5
4 HOLES DECKING C	500 X 4.0 X 50 X 6.0	10.3

4Holes Decking A 475x4.0x70x5.0



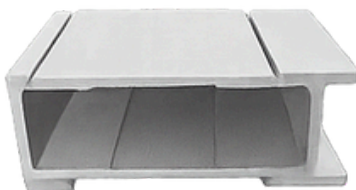
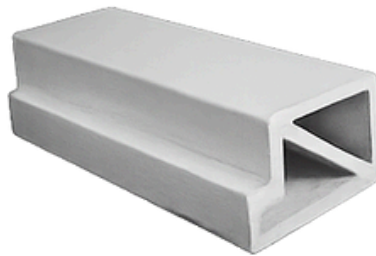
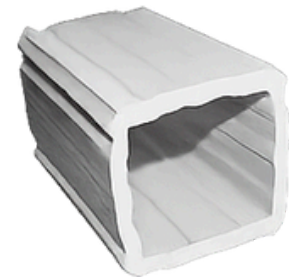
4Holes Decking B 404x104x4.0



4Holes Decking C 500x4.0x50x6.0



OTHER PULTRUDED PROFILES





Thank you for taking the time to learn more about our company and the range of high quality

FRP grating and pultruded profiles we offer.

Our direct-to-you approach ensures that you receive the products you need in a timely and efficient

manner, without compromising on quality or safety. We use only the highest quality materials and

manufacturing processes to ensure that our products meet the most stringent standards.

Our products are designed to withstand harsh environments and demanding applications, making

them ideal for a wide range of applications.

Thank you for considering our company as your supplier of FRP grating and pultruded profiles.

Contact us today to discuss your project requirements and find out how we can help you achieve your goals.

