

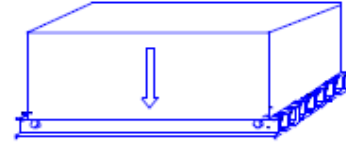
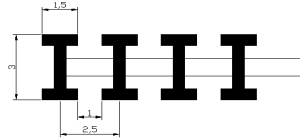
ICP FRP PULTRUDED GRATINGS

Standard Widths (Span)	30, 40, 50, 60, 75, 90, 100 cms
Standard Lengths	30, 50, 60, 100 cms
Standard Openings	40%, 50%, 60%
Colours	Grey, Yellow, Reddish Brown

LOAD DEFLECTION TABLE IN CM

I-15x30 "I" BEAM,

40% OPEN



Bearing Bar Size (cm)			Bearing Bar (cm)			Weight
Height	Width	Thick	Bars/m	Space	Center	Kgs/m2
3	1.5	0.5	40	1	2.5	22

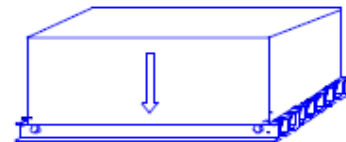
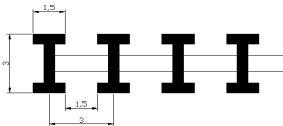
UNIFORMLY DISTRIBUTED LOAD

Span in cm	Uniformly Distributed Load in - kg/m2 of width										
	100	200	300	400	500	1,000	2,000	3,000	5,000	10,000	MAX (Kg)
30	0.0008	0.0015	0.0023	0.0031	0.0038	0.0077	0.0154	0.0231	0.0385	0.0769	19,497
40	0.0018	0.0036	0.0055	0.0073	0.0091	0.0182	0.0365	0.0547	0.0912	0.1824	10,967
50	0.0036	0.0071	0.0107	0.0142	0.0178	0.0356	0.0712	0.1069	0.1781		7,019
60	0.0062	0.0123	0.0185	0.0246	0.0308	0.0616	0.1231	0.1847			4,874
75	0.0120	0.0240	0.0361	0.0481	0.0601	0.1202	0.2405	0.3607			3,119
90	0.0208	0.0416	0.0623	0.0831	0.1039	0.2078	0.4155				2,166
100	0.0285	0.0570	0.0855	0.1140	0.1425	0.2850					1,755

LOAD DEFLECTION TABLE IN CM

I-15x30 "I" BEAM,

50% OPEN



Bearing Bar Size (cm)			Bearing Bar (cm)			Weight
Height	Width	Thick	Bars/m	Space	Center	Kgs/m2
3	1.5	0.5	33	1.5	3	19

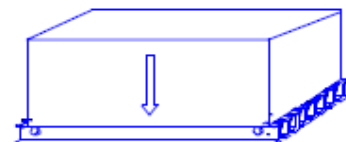
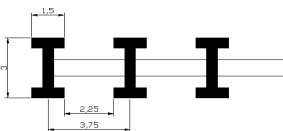
UNIFORMLY DISTRIBUTED LOAD

Span in cm	Uniformly Distributed Load in - kg/m2 of width										
	100	200	300	400	500	1,000	2,000	3,000	5,000	10,000	MAX (Kg)
30	0.0009	0.0019	0.0028	0.0037	0.0047	0.0093	0.0187	0.0280	0.0466	0.0933	16,085
40	0.0022	0.0044	0.0066	0.0088	0.0111	0.0221	0.0442	0.0663	0.1105		9,048
50	0.0043	0.0086	0.0130	0.0173	0.0216	0.0432	0.0864	0.1295	0.2159		5,790
60	0.0075	0.0149	0.0224	0.0298	0.0373	0.0746	0.1492	0.2238			4,021
75	0.0146	0.0291	0.0437	0.0583	0.0729	0.1457	0.2915				2,574
90	0.0252	0.0504	0.0755	0.1007	0.1259	0.2518					1,787
100	0.0345	0.0691	0.1036	0.1382	0.1727	0.3454					1,448

LOAD DEFLECTION TABLE IN CM

I-15x30 "I" BEAM,

60% OPEN



Bearing Bar Size (cm)			Bearing Bar (cm)			Weight
Height	Width	Thick	Bars/m	Space	Center	Kgs/m2
3	1.5	0.5	27	2.25	3.75	16

UNIFORMLY DISTRIBUTED LOAD

Span in cm	Uniformly Distributed Load in - kg/m2 of width										
	100	200	300	400	500	1,000	2,000	3,000	5,000	10,000	MAX (Kg)
30	0.0011	0.0023	0.0034	0.0046	0.0057	0.0114	0.0228	0.0342	0.0570	0.1140	13,160
40	0.0027	0.0054	0.0081	0.0108	0.0135	0.0270	0.0540	0.0811	0.1351		7,403
50	0.0053	0.0106	0.0158	0.0211	0.0264	0.0528	0.1056	0.1583			4,738
60	0.0091	0.0182	0.0274	0.0365	0.0456	0.0912	0.1824	0.2736			3,290
75	0.0178	0.0356	0.0534	0.0712	0.0891	0.1781	0.3562				2,106
90	0.0308	0.0616	0.0923	0.1231	0.1539	0.3078					1,462
100	0.0422	0.0844	0.1267	0.1689	0.2111	0.4222					1,184

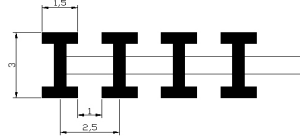
ICP FRP PULTRUDED GRATINGS

Standard Widths (Span)	30, 40, 50, 60, 75, 90, 100 cms
Standard Lengths	30, 50, 60, 100 cms
Standard Openings	40%, 50%, 60%
Colours	Grey, Yellow, Reddish Brown

LOAD DEFLECTION TABLE IN CM

I-15x30 "I" BEAM,

40% OPEN



Bearing Bar Size (cm)			Bearing Bar (cm)			Weight
Height	Width	Thick	Bars/m	Space	Center	Kgs/m2
3	1.5	0.5	40	1	2.5	22

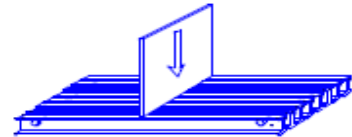
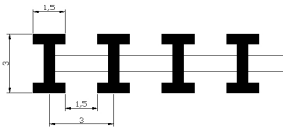
CONCENTRATED LOAD

Span in cm	Concentrated Load in - kg/m of width										MAX (Kg)
	100	200	300	400	500	1,000	2,000	3,000	5,000	10,000	
30	0.0012	0.0025	0.0037	0.0049	0.0062	0.0123	0.0246	0.0369	0.0616	0.1231	12,185
40	0.0029	0.0058	0.0088	0.0117	0.0146	0.0292	0.0584	0.0875	0.1459		6,854
50	0.0057	0.0114	0.0171	0.0228	0.0285	0.0570	0.1140	0.1710			4,387
60	0.0098	0.0197	0.0295	0.0394	0.0492	0.0985	0.1970	0.2955			3,046
75	0.0192	0.0385	0.0577	0.0769	0.0962	0.1924					1,950
90	0.0332	0.0665	0.0997	0.1330	0.1662	0.3324					1,354
100	0.0456	0.0912	0.1368	0.1824	0.2280	0.4560					1,097

LOAD DEFLECTION TABLE IN CM

I-15x30 "I" BEAM,

50% OPEN



Bearing Bar Size (cm)			Bearing Bar (cm)			Weight
Height	Width	Thick	Bars/m	Space	Center	Kgs/m2
3	1.5	0.5	33	1.5	3	19

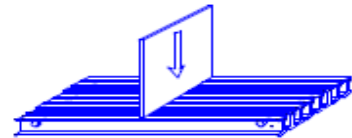
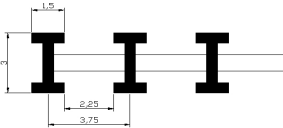
CONCENTRATED LOAD

Span in cm	Concentrated Load in - kg/m of width										MAX (Kg)
	100	200	300	400	500	1,000	2,000	3,000	5,000	10,000	
30	0.0015	0.0030	0.0045	0.0060	0.0075	0.0149	0.0298	0.0448	0.0746	0.1492	10,053
40	0.0035	0.0071	0.0106	0.0141	0.0177	0.0354	0.0707	0.1061	0.1769		5,655
50	0.0069	0.0138	0.0207	0.0276	0.0345	0.0691	0.1382	0.2073			3,619
60	0.0119	0.0239	0.0358	0.0478	0.0597	0.1194	0.2388				2,513
75	0.0233	0.0466	0.0700	0.0933	0.1166	0.2332					1,608
90	0.0403	0.0806	0.1209	0.1612	0.2015	0.4029					1,117
100	0.0553	0.1105	0.1658	0.2211	0.2764						905

LOAD DEFLECTION TABLE IN CM

I-15x30 "I" BEAM,

60% OPEN



Bearing Bar Size (cm)			Bearing Bar (cm)			Weight
Height	Width	Thick	Bars/m	Space	Center	Kgs/m2
3	1.5	0.5	27	2.25	3.75	16

CONCENTRATED LOAD

Span in cm	Concentrated Load in - kg/m of width										MAX (Kg)
	100	200	300	400	500	1,000	2,000	3,000	5,000	10,000	
30	0.0018	0.0036	0.0055	0.0073	0.0091	0.0182	0.0365	0.0547	0.0912		8,225
40	0.0043	0.0086	0.0130	0.0173	0.0216	0.0432	0.0865	0.1297			4,627
50	0.0084	0.0169	0.0253	0.0338	0.0422	0.0844	0.1689				2,961
60	0.0146	0.0292	0.0438	0.0584	0.0730	0.1459	0.2918				2,056
75	0.0285	0.0570	0.0855	0.1140	0.1425	0.2850					1,316
90	0.0492	0.0985	0.1477	0.1970	0.2462						914
100	0.0676	0.1351	0.2027	0.2702	0.3378						740