



**FERROCCSA**  
FERRO DE OCCIDENTE, S.A DE C.V.

**PTR CALIDAD COMERCIAL**

Medidas y Pesos Teóricos								Características estructurales										
Dimensión Exterior		Color	Espesor			Largo Mts	Peso		Límite (Tons)			Area Cm2	Lx Cm4	Sx cm3	Rx Cm	Ly Cm4	Sy Cm3	Ry Cm
Pulg	m.m.		Cal	Pulg	mm		Kg/Mt	Kg/Pz	Diseño	Fluencia	Tracción							
1 x 1	25 x 25	Blanco	14	0.075	1.90	6.00	1.44	8.64	3.2	5.3	6.6	1.72	1.47	1.20	0.93	1.47	1.20	0.93
		Verde	13	0.090	2.30	6.00	1.72	10.32	3.8	6.3	7.8	2.03	1.69	1.38	0.91	1.69	1.38	0.91
		Amarillo	11	0.120	3.00	6.00	2.29	13.74	4.9	8.2	10.2	2.64	2.17	1.46	0.89	2.17	1.46	0.89
		Rojo	10	0.135	3.40	6.00	2.57	15.42	5.3	8.9	11.1	2.88	2.19	1.79	0.87	2.19	1.79	0.87
1-1/4x1-1/4	32 x 32	Blanco	14	0.075	1.90	6.00	1.84	11.04	4.1	6.9	8.5	2.21	3.13	2.02	1.19	3.13	2.02	1.19
		Verde	13	0.090	2.30	6.00	2.20	13.20	4.9	8.1	10.1	2.62	3.62	2.34	1.18	3.62	2.34	1.18
		Amarillo	11	0.120	3.00	6.00	2.89	17.34	6.5	10.8	13.4	3.48	4.93	2.53	1.17	4.93	2.53	1.17
		Azul	14	0.075	1.90	6.00	2.20	13.20	5.0	8.4	10.4	2.71	5.73	3.06	1.46	5.73	3.06	1.46
1-1/2x1-1/2	38 x 38	Amarillo	13	0.090	2.30	6.00	2.65	15.92	6.1	10.2	12.6	3.28	7.01	3.94	1.46	7.01	2.94	1.46
		Blanco	12	0.105	2.70	6.00	3.08	18.48	6.9	15.5	14.3	3.71	7.54	4.02	1.43	7.54	4.02	1.43
		Verde	11	0.120	3.00	6.00	3.51	21.06	7.8	13.0	16.1	4.19	8.36	4.46	1.41	8.36	4.46	1.41
		Rojo	10	0.135	3.40	6.00	3.92	23.52	8.7	14.5	17.9	4.66	9.12	4.86	1.40	9.12	4.86	1.40
2 x 1	50 x 25	Blanco	14	0.075	1.90	6.00	2.22	13.32	5.0	8.4	10.4	2.71	8.62	2.87	1.78	2.84	1.75	1.02
		Verde	13	0.090	2.30	6.00	2.65	15.90	6.0	10.0	12.5	3.24	10.13	3.41	1.77	3.30	2.06	1.01
		Rojo	11	0.120	3.00	6.00	3.50	21.00	7.7	12.8	15.9	4.14	12.55	4.29	1.74	4.00	2.56	0.10
2-1/2x1-1/4	64 x 32	Blanco	14	0.075	1.90	6.00	2.79	16.75	6.5	10.9	13.5	3.50	18.64	4.81	2.31	6.23	2.94	1.33
		Verde	12	0.105	2.70	6.00	3.88	23.26	9.1	15.2	18.8	4.89	25.30	6.62	2.27	8.29	4.01	1.30
2-1/2x1-1/2	64 x 25	Blanco	14	0.075	1.90	6.00	2.98	17.88	6.9	11.6	14.4	3.73	20.83	5.28	2.36	9.20	3.67	1.57
		Verde	12	0.105	2.70	6.00	4.14	23.84	9.7	16.2	20.1	5.22	28.34	7.28	2.33	12.35	5.02	1.54
2 x 2	51 x 51	Azul	14	0.075	1.90	6.00	2.99	17.94	6.8	11.3	14.1	3.66	14.12	5.65	1.97	14.12	5.65	1.97
		Blanco	12	0.105	2.70	6.00	4.15	24.90	9.4	15.6	19.4	5.04	18.87	7.55	1.94	18.87	7.55	1.94
		Verde	11	0.120	3.00	6.00	4.71	28.26	10.6	17.7	22.0	5.71	21.08	8.43	1.92	21.08	8.43	1.92
		Rojo	10	0.135	3.40	6.00	5.28	31.68	11.9	19.8	24.5	6.37	23.17	9.27	1.91	23.17	9.27	1.91
2-1/2x2-1/2	64 x 64	Blanco	11	0.120	3.00	6.00	5.91	35.46	13.4	22.4	27.8	7.23	42.72	13.67	2.43	42.72	13.67	2.43
		Verde	10	0.135	3.40	6.00	6.65	39.90	15.1	25.1	31.1	8.08	47.17	15.10	2.42	47.17	15.10	2.42
		Amarillo	9	0.150	3.80	6.00	7.34	44.04	16.6	27.7	34.4	8.92	51.45	16.47	2.40	51.45	16.47	2.40
3 x 1	76 x 25	Blanco	14	0.075	1.90	6.00	2.98	17.88	6.8	11.3	14.1	3.66	24.12	5.53	2.57	4.11	2.48	1.06
		Verde	12	0.105	2.70	6.00	4.14	24.84	9.5	15.8	19.7	5.11	32.82	7.61	2.53	5.40	3.36	1.03
		Rojo	11	0.120	3.00	6.00	4.72	28.32	10.5	17.5	21.7	5.64	35.88	8.36	2.52	5.82	3.66	1.02
3 x 2	76 x 51	Blanco	11	0.120	3.00	6.00	5.91	35.46	13.4	22.4	27.8	7.23	55.96	14.92	2.78	29.47	11.79	2.02
		Verde	10	0.135	3.40	6.00	6.65	39.90	15.1	25.1	31.1	8.08	61.89	16.50	2.77	32.46	12.98	2.00
		Amarillo	9	0.150	3.80	6.00	7.34	44.04	16.6	27.7	34.4	8.92	67.60	18.03	2.75	35.31	14.12	1.99



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Medidas y Pesos Teóricos								Características estructurales										
Dimensión Exterior		Color	Espesor			Largo Mts	Peso		Límite (Tons)			Área Cm <sup>2</sup>	Lx Cm <sup>4</sup>	Sx cm <sup>3</sup>	Rx Cm	Ly Cm <sup>4</sup>	Sy Cm <sup>3</sup>	Ry Cm
Pulg	m.m.		Cal	Pulg	mm		Kg/Mt	Kg/Pz	Diseño	Fluencia	Tracción							
3 x 3	76 x 76	Azul	14	0.075	1.90	6.00	4.50	27.00	10.5	17.5	21.7	5.63	51.67	10.43	3.03	51.57	10.43	3.03
		Blanco	11	0.120	3.00	6.00	7.11	42.56	16.3	27.1	33.7	8.75	75.85	20.17	2.94	75.65	20.17	2.94
		Verde	10	0.135	3.40	6.00	7.99	47.94	18.2	30.4	37.7	9.79	83.81	22.35	2.93	83.81	22.35	2.93
		Amarillo	9	0.150	3.80	6.00	8.88	53.28	20.1	33.5	41.7	10.82	91.70	24.45	2.91	91.70	24.45	2.91
3-1/2x3-1/2	89 x 89	Blanco	11	0.120	3.00	6.00	8.30	49.80	19.1	31.8	39.5	10.27	122.26	27.95	3.45	122.26	27.95	3.45
		Verde	10	0.135	3.40	6.00	9.34	56.04	21.4	35.7	44.3	11.50	135.75	31.03	3.44	135.75	31.03	3.44
		Amarillo	9	0.150	3.80	6.00	10.38	65.28	23.6	39.4	49.0	12.72	148.85	31.02	3.42	148.85	34.02	3.42
4 x 2	102 x 51	Azul	14	0.075	1.90	6.00	4.50	27.01	10.6	17.6	21.8	5.67	78.54	12.57	3.72	26.70	7.75	2.17
		Blanco	11	0.120	3.00	6.00	7.11	42.66	16.3	27.1	33.7	8.75	113.45	22.69	3.60	37.86	15.14	2.08
		Verde	10	0.135	3.40	6.00	7.99	47.94	18.2	30.4	37.7	9.79	125.87	25.17	3.59	41.75	16.70	2.06
		Amarillo	9	0.150	3.80	6.00	8.88	53.28	20.1	33.5	41.7	10.82	137.93	27.59	3.57	45.47	18.19	2.05
4 x 3	102 x 76	Blanco	11	0.120	3.00	6.00	8.30	49.80	19.1	31.8	39.5	10.27	149.18	29.84	3.81	95.34	25.42	3.02
		Verde	10	0.135	3.40	6.00	9.34	56.04	21.4	35.7	44.3	11.50	165.76	33.15	3.80	105.73	28.20	3.03
		Amarillo	9	0.150	3.80	6.00	10.38	62.28	23.6	39.4	49.0	12.72	181.91	36.38	3.78	115.80	30.88	3.02
4 x 4	102 x 102	Azul	14	0.075	1.90	6.00	6.02	36.12	14.2	23.6	29.3	7.61	127.09	19.04	4.09	127.09	19.04	4.09
		Blanco	11	0.120	3.00	6.00	9.50	57.00	21.8	36.3	45.0	11.70	180.67	36.41	3.93	180.67	36.41	3.93
		Verde	10	0.135	3.40	6.00	10.69	64.14	24.4	40.6	50.5	13.11	200.91	40.48	3.91	200.91	40.48	3.91
		Amarillo	9	0.150	3.80	6.00	11.87	71.22	27.0	45.0	55.9	14.51	220.65	44.46	3.90	220.65	44.46	3.90
6 x 2	152 x 51	Blanco	14	0.075	1.90	6.00	6.02	36.12	14.0	23.4	29.0	7.53	210.10	23.42	5.28	36.55	10.61	2.20
		Verde	11	0.120	3.00	6.00	9.58	57.48	21.9	36.5	45.3	11.76	322.14	36.22	5.23	54.69	16.22	2.16