

STRUCTURAL STEEL

Reinforcing Bar & Mesh

Available Standards: AS/NZS 4671:2001 - Grade 300E, Grade 500N.
BS4449:1997 - Grade 460. Plain Round Grade 250.
BS4449:2004 - Grade B500B. MS146:2000 - Grade 500.
ASTM A615 - Grade 40 and Grade 60.
Refer to Page 92 for Rebar Technical Data.



REINFORCING BAR

SIZE (nominal diameter mm) DEFORMED	PLAIN ROUND	CROSS SECTIONAL AREA (mm ²)	UNIT WEIGHT (KG/M)	LENGTHS PER MT (Based on 6 MTR)
D6	-	28.3	0.222	750
D8	8	50.3	0.395	422
D10	10	78.5	0.616	270
D12	12	113.1	0.888	187
D16	16	201.1	1.579	105
D20	20	314.2	2.466	67
D22	22	380.1	2.984	55
D24	24	542.4	3.55	47
D25	25	490.9	3.854	43
D28	28	615.8	4.834	34
D32	32	804.2	6.313	26
D40	-	1256.6	9.864	16

CONCRETE REINFORCING MESH: UNGALVANISED (BLACK)

COMMON REF	LONGITUDINAL WIRES		CROSS WIRES		SHEET SIZE	APPROX MASS KG/M ²
	WIRE DIA (mm)	APERTURE (mm)	WIRE DIA (mm)	APERTURE (mm)		
NZ STD						
6610	3.40	150	3.40	150	5.8m x 2.2m, 4.65m x 2.3m	0.972
668	4.30	150	4.30	150	5.8m x 2.2m, 4.65m x 2.3m	1.309
665	5.30	150	5.30	150	5.8m x 2.2m, 4.65m x 2.3m	2.244
663	6.30	150	6.30	150	5.8m x 2.2m, 4.65m x 2.3m	3.179
AS STD						
F52	4.75	200	4.75	200	5.8m x 2.2m	1.730
F62	6.00	200	6.00	200	5.8m x 2.2m	2.721
F72	6.75	200	6.75	200	5.8m x 2.2m	3.301
F82	7.30	200	7.30	200	5.8m x 2.2m	3.834

Plain & Ribbed Wire Options are available. Other Specifications are available, please discuss with your Tropex Representative

SECURITY MESH: GALVANISED

COMMON REF	LONGITUDINAL WIRES		CROSS WIRES		SHEET SIZE	APPROX MASS KG/M ²
	WIRE DIA (mm)	APERTURE (mm)	WIRE DIA (mm)	APERTURE (mm)		
NZ STD						
228	4.0	50	4.0	50	2.4m x 1.2m	3.944
225	5.3	50	5.3	50	2.4m x 1.2m	6.927
328	4.0	75	4.0	50	2.4m x 1.2m	3.451
325	5.3	75	5.3	50	2.4m x 1.2m	5.396

Please specify Galv Before or After Welding. Other Specifications are available, please discuss with your Tropex Representative

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