



CAO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA60	1	5.0	468	150	70200
	2	5.0	2	340	680
	3	5.0	136	80	10880
	4	5.0	37	68	2516
	5	5.0	45	120	5400
	6	5.0	12	76	912
	7	5.0	7	80	560
	8	5.0	2	291	582
	9	5.0	100	190	19000
	10	6.3	42	1200	50400
	11	6.3	16	447	7152
	12	6.3	4	168	672
	13	6.3	16	579	9264
	14	6.3	10	635	6350
	15	6.3	8	1064	8512
CA50	16	6.3	20	190	3800
	17	6.3	8	857	6856
	18	6.3	8	345	2760
	19	6.3	8	289	2312
	20	6.3	8	342	2736
	21	6.3	2	628	6280
	22	8.0	2	85	170
	23	8.0	3	223	669
	24	8.0	2	86	172
	25	8.0	2	228	456
	26	8.0	2	764	1528
	27	8.0	1	110	110
	28	8.0	2	235	470
	29	8.0	2	129	129
CA50	30	8.0	2	233	466
	31	8.0	4	714	2856
	32	8.0	1	130	130
	33	8.0	4	756	3024
	34	8.0	2	289	578
	35	8.0	2	315	630
	36	8.0	8	498	3984
	37	8.0	3	163	489
	38	8.0	1	213	213
	39	8.0	2	206	412
	40	8.0	2	246	492
	41	8.0	4	1024	4096
	42	8.0	2	246	492
	43	8.0	6	216	1296
CA50	44	8.0	4	708	2832
	45	8.0	1	158	158
	46	8.0	8	1200	9600
	47	8.0	4	992	3968
	48	8.0	1	231	231
	49	8.0	2	478	956
	50	8.0	1	124	124
	51	8.0	3	190	570
	52	8.0	1	429	429
	53	8.0	3	907	2721
	54	8.0	2	787	1574
	55	8.0	2	977	1954
	56	8.0	1	175	175
	57	8.0	3	235	705
CA50	58	8.0	3	718	2154
	59	8.0	1	143	143
	60	8.0	1	188	188
	61	8.0	1	145	145
	62	8.0	2	241	482
	63	8.0	2	178	356
	64	8.0	4	588	2352
	65	8.0	2	280	560
	66	8.0	2	91	182
	67	8.0	2	855	1710
	68	8.0	4	347	1388
	69	8.0	1	114	114
	70	8.0	3	413	1239
	71	8.0	1	116	116
	72	8.0	3	120	360
CA50	73	8.0	3	297	891
	74	8.0	2	150	300
	75	8.0	1	267	267
	76	8.0	3	339	1017
	77	8.0	4	381	1524
	78	10.0	2	350	700
	79	10.0	4	116	464
	80	10.0	4	371	1484
	81	10.0	1	178	178
	82	10.0	2	673	1346
	83	10.0	1	857	857
	84	10.0	2	545	1090
	85	10.0	1	166	166
	86	10.0	3	581	1743
CA50	87	10.0	4	136	544
	88	12.5	1	343	343
	89	12.5	1	374	374
	90	12.5	2	1092	2184
	91	12.5	1	330	330
	92	12.5	2	493	986
	93	12.5	1	385	385
	94	12.5	2	580	1160
	95	12.5	2	925	1850
	96	16.0	1	340	340
	97	16.0	1	920	920
	98	16.0	2	1200	2400
	99	16.0	2	525	1050
	100	16.0	4	951	3804
CA50	101	16.0	1	229	229
	102	16.0	1	294	294
	103	16.0	2	560	1120
	104	20.0	2	1174	2348
	105	20.0	1	252	252
	106	20.0	2	643	1286
	107	20.0	1	435	435
	108	20.0	1	480	480
	109	20.0	2	822	1644
	110	20.0	1	827	827
	111	20.0	2	978	1956
	112	20.0	2	505	1010
	113	20.0	1	852	852
	114	20.0	2	1116	2232
	115	20.0	2	254	508

CAO	DIAM (mm)	C TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	199.1	263.7
	8.0	611.2	265.3
	10.0	89.8	60.8
	12.5	76.2	60.7
	16.0	101.6	176.3
CA60	20.0	138.3	375.1
	5.0	1120.7	190
PESO TOTAL (kg)			1251.8
CA50			190

Volume de concreto (C-30) = 16.93 m³
Área de forma = 207.96 m²