

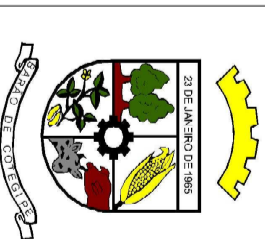
**Relação do aço**

ACO	N	DIAM	QUANT	UNIT	COTOTAL
		(mm)	(Barra)	(cm)	(cm)
C450	1	5,0	324	74	23976
C450	2	5,0	291	104	30264
C450	3	5,0	301	602	18060
C450	4	5,0	225	225	50625
C450	5	5,0	1188	2372	28176
C450	6	10,0	2	1192	2384
C450	7	10,0	2	208	416
C450	8	10,0	2	218	436
C450	9	10,0	2	828	1656
C450	10	10,0	2	246	492
C450	11	12	2	214	428
C450	12	10,0	2	214	428
C450	13	10,0	2	206	412
C450	14	10,0	2	226	452
C450	15	10,0	2	205	410
C450	16	10,0	2	225	450
C450	17	10,0	2	225	450
C450	18	10,0	2	255	510
C450	19	10,0	2	1185	2370
C450	20	10,0	6	1185	7110
C450	21	10,0	2	153	306
C450	22	10,0	2	345	690
C450	23	10,0	4	133	532
C450	24	10,0	2	333	666
C450	25	10,0	2	355	710
C450	26	10,0	1	151	151
C450	27	10,0	2	315	630
C450	28	10,0	2	145	145
C450	29	10,0	2	1078	2156
C450	30	10,0	2	222	444
C450	31	10,0	2	1191	2382
C450	32	10,0	4	384	1536
C450	33	10,0	4	384	1536
C450	34	10,0	4	745	2980
C450	35	10,0	4	730	2920
C450	36	10,0	4	146	584
C450	37	10,0	4	167	668
C450	38	10,0	4	249	996
C450	39	10,0	4	108	432
C450	40	10,0	2	345	690
C450	41	10,0	2	355	710
C450	42	10,0	2	885	1770
C450	43	10,0	2	548	1096
C450	44	10,0	2	148	296
C450	45	10,0	2	219	438
C450	46	10,0	2	219	438
C450	47	10,0	2	287	574

**Resumo do aço**

ACO	DIAM	COTOTAL	PESO - 10%
	(mm)	(cm)	(kg)
C450	5,0	46628	319,6
C450	10,0	690	94,8
<b>PESO TOTAL</b>	<b>5,0</b>	<b>559,2</b>	<b>94,8</b>

Volume de concreto (C-25) = 5,46 m³  
 Área de forma = 94,42 m²



**obra: AMPLIAÇÃO DE ESPAÇO EDUCATIVO INFANTIL**  
**local: ESCOLA PROINFÂNCIA - AVENIDA ADÃO WELKER, 650 - BARÃO DE COTEGIPE-RS**

**PLANTA DE ARMADURA DE VIGAS BALDRAME**

Proprietário: PREFEITURA MUNICIPAL DE BARÃO DE COTEGIPE

RESPONSÁVEIS TÉCNICOS

EST 03

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Luís Adair

Out/2014

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Indicada

professor