



**Relatório do aço**

ACO	N	DIAM	Q	UNID	C.TOTAL
C600	1	5,0	259	(m <sup>3</sup> )	618,90
	2	5,0	38	(m <sup>3</sup> )	68,90
	3	5,0	38	(m <sup>3</sup> )	68,90
	4	5,0	10	CONR	312,00
	5	5,0	510	(m <sup>3</sup> )	1260,00
	6	5,0	2	(m <sup>3</sup> )	4,00
	7	5,0	140	(m <sup>3</sup> )	3500,00
	8	5,0	2	(m <sup>3</sup> )	4,00
	9	5,0	20	(m <sup>3</sup> )	500,00
	10	5,0	90	(m <sup>3</sup> )	2250,00
	11	5,0	64	(m <sup>3</sup> )	1600,00
	12	5,0	3	(m <sup>3</sup> )	7,50
	13	5,0	2	(m <sup>3</sup> )	5,00
	14	8,0	2	(m <sup>3</sup> )	128,00
	15	8,0	2	(m <sup>3</sup> )	128,00
	16	8,0	2	(m <sup>3</sup> )	128,00
	17	8,0	2	(m <sup>3</sup> )	128,00
	18	8,0	2	(m <sup>3</sup> )	128,00
	19	8,0	2	(m <sup>3</sup> )	128,00
	20	8,0	2	(m <sup>3</sup> )	128,00
	21	8,0	2	(m <sup>3</sup> )	128,00
	22	8,0	2	(m <sup>3</sup> )	128,00
	23	8,0	2	(m <sup>3</sup> )	128,00
	24	8,0	2	(m <sup>3</sup> )	128,00
	25	8,0	2	(m <sup>3</sup> )	128,00
	26	8,0	2	(m <sup>3</sup> )	128,00
	27	8,0	2	(m <sup>3</sup> )	128,00
	28	8,0	2	(m <sup>3</sup> )	128,00
	29	8,0	2	(m <sup>3</sup> )	128,00
	30	8,0	2	(m <sup>3</sup> )	128,00
	31	8,0	2	(m <sup>3</sup> )	128,00
	32	8,0	2	(m <sup>3</sup> )	128,00
	33	8,0	2	(m <sup>3</sup> )	128,00
	34	8,0	2	(m <sup>3</sup> )	128,00
	35	8,0	2	(m <sup>3</sup> )	128,00
	36	8,0	2	(m <sup>3</sup> )	128,00
	37	8,0	2	(m <sup>3</sup> )	128,00
	38	8,0	2	(m <sup>3</sup> )	128,00
	39	8,0	2	(m <sup>3</sup> )	128,00
	40	8,0	2	(m <sup>3</sup> )	128,00
	41	8,0	2	(m <sup>3</sup> )	128,00
	42	8,0	2	(m <sup>3</sup> )	128,00
	43	8,0	2	(m <sup>3</sup> )	128,00
	44	8,0	2	(m <sup>3</sup> )	128,00
	45	8,0	2	(m <sup>3</sup> )	128,00
	46	8,0	2	(m <sup>3</sup> )	128,00
	47	8,0	2	(m <sup>3</sup> )	128,00
	48	8,0	2	(m <sup>3</sup> )	128,00
	49	8,0	2	(m <sup>3</sup> )	128,00
	50	8,0	2	(m <sup>3</sup> )	128,00
	51	8,0	2	(m <sup>3</sup> )	128,00
	52	8,0	2	(m <sup>3</sup> )	128,00
	53	8,0	2	(m <sup>3</sup> )	128,00
	54	8,0	2	(m <sup>3</sup> )	128,00
	55	8,0	2	(m <sup>3</sup> )	128,00
	56	8,0	2	(m <sup>3</sup> )	128,00
	57	8,0	2	(m <sup>3</sup> )	128,00
	58	8,0	2	(m <sup>3</sup> )	128,00
	59	8,0	2	(m <sup>3</sup> )	128,00
	60	8,0	2	(m <sup>3</sup> )	128,00
	61	8,0	2	(m <sup>3</sup> )	128,00
	62	8,0	2	(m <sup>3</sup> )	128,00
	63	8,0	2	(m <sup>3</sup> )	128,00
	64	8,0	2	(m <sup>3</sup> )	128,00
	65	8,0	2	(m <sup>3</sup> )	128,00
	66	8,0	2	(m <sup>3</sup> )	128,00
	67	8,0	2	(m <sup>3</sup> )	128,00
	68	8,0	2	(m <sup>3</sup> )	128,00
	69	8,0	2	(m <sup>3</sup> )	128,00
	70	8,0	2	(m <sup>3</sup> )	128,00

**Resumo do aço**

ACO	DIAM	C.TOTAL	PESO + 10%
C650	8,0	295,6	128,4
C600	10,0	24,4	18,5
C600	12,5	53,1	56,2
<b>PESO TOTAL</b>		<b>404,7</b>	<b>68,6</b>
C650	201,6		
C600	89,6		

Vol. de concreto total (C-20) = 38,8 m<sup>3</sup>  
 Área de forma total = 82,4 m<sup>2</sup>

Elemento	Vol. (m <sup>3</sup> )	Esq. (m <sup>2</sup> )	Armadura (kg)
Vigas	300	2807,16	80
Colunas	300	2607,16	80
Lajes	300	2607,16	80
Separações	200	2129,74	80

**ESTADO DE SANTA CATARINA**  
 SECRETARIA DE ESTADO DA INFRA-ESTRUTURA  
 DEPARTAMENTO ESTADUAL DE INFRA-ESTRUTURA  
 DENTRINA DIRETORIA DE OBRAS CIVIS - DIOC

**DIOC**

**PROJETO PAVIMENTO - CIVIS**  
 AVANÇADA DAS VOZES

**CONCRETO**  
 COM OBRAS DE MANUTENÇÃO E AVANÇADAS CIVIS

**AVANÇADA DAS VOZES**  
 AVANÇADA ENGENHARIA E AVANÇADOS CIVIS

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