



Relação do ago

P5	P6	2xP8
P49	2xP51	P52
P57	P58	P61
P63	P64	P65
2xP67	P70	P71
P75	P76	P77
P79	P81	P83
2xP84	P86	P87
P88	P89	P90

	ACO	N	Diam	Q	UNIT	C.TOTAL
				(mm)	(mm)	(mm)
C460	1	5.0	138	30	1540	1036
	2	5.0	618	30	5520	3820
	3	5.0	60	32	5520	3820
	4	5.0	213	150	3160	2130
	5	5.0	260	150	2600	1500
	6	5.0	280	122	2600	1220
	7	5.0	148	82	12136	82
	8	5.0	74	25	1850	25
	9	5.0	30	142	4260	142
	10	5.0	30	152	4860	152
C550	1	5.0	98	152	14866	98
	2	5.0	98	152	14866	98
	3	5.0	30	30	30	30
	4	5.0	30	30	30	30
	5	5.0	24	30	720	24
	6	5.0	24	30	720	24
	7	5.0	66	49	3234	66
	8	5.0	66	49	3234	66
	9	5.0	132	9716	132	9716
	10	5.0	132	4214	132	4214
C650	1	5.0	37	112	4514	37
	2	5.0	37	112	4514	37
	3	5.0	88	152	1528	88
	4	5.0	88	152	1528	88
	5	5.0	27	29	2088	27
	6	5.0	72	38	1295	72
	7	5.0	72	38	1295	72
	8	5.0	148	437	1480	148
	9	5.0	437	437	1480	437
	10	5.0	437	437	4370	437
	29	10	10	437	4370	4370

	D/AM	C TOTAL (mm)	PESO + 10 % (kg)
ACO			
CASO	6.3	159.3	42.9
	10.0	659.4	447.2
	12.5	146.1	154.8
	16.0	323.1	560.8
	20.0	112.5	467.8
CASO	5.0	1748	256.4
PESO TOTAL			
CASO			1673.5
CASO			296.4

Vol. de concreto total (C-25) = 19.35 m³
Área de forma total = 199.55 m²

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and material specifications.

Dimensions:

- Overall width: 50
- Overall height: 20
- Top flange width: 15
- Top flange thickness: 4.5
- Bottom flange width: 40
- Bottom flange thickness: 4.0
- Internal hole diameter: 10
- Internal hole spacing: 29.0
- Overall length: 437

Material Specifications:

- Material: 24 N5 c/19
- Condition: C=437
- Part Number: 72 N2.1 05.0 C=437

10 N28 ø20.0 C=515

22 N15 ø5.0 C=392
66 N15 ø5.0 C=49

440

22 N15 c/20

1:50

Technical drawing of a 150mm x 60mm x 4mm Superfacer 1.3 plate. The drawing shows a top view with dimensions 150mm (width) and 60mm (height). A side view shows the plate's thickness of 4mm. A detail view shows the mounting holes with dimensions 40mm (hole diameter), 40mm (hole spacing), and 35mm (hole diameter). The plate is labeled "ESC 150" and "Superfacer 1.3". The mounting holes are labeled "40 N13 85.0 C=152" and "49 N14 85.0 C=50".

Technical drawing of a cable assembly. The drawing shows two views: a side view and a cross-section. The side view shows a cable with a diameter of 45mm and a length of 440mm. The cross-section shows a cable with a diameter of 45mm and a length of 440mm. The drawing is labeled with '24 N4 C=130' and '440'.

Technical drawing of a 12.5mm diameter hole in a plate. The drawing includes the following dimensions and specifications:

- Top View:** A circle representing the hole with a diameter of $\varnothing 12.5$. The distance from the center of the hole to the right edge of the plate is 440.
- Side View:** A rectangle representing the plate with a width of 40 and a height of 80. The hole is shown as a rectangle with a width of 12.5 and a height of 20. The distance from the center of the hole to the right edge of the plate is 440.
- Material Specifications:**
 - ESC 1.50
 - 30 N25 65.0 C=92
 - 30 N12 65.0 C=90
- Dimensions:**
 - 440 (Distance from center of hole to right edge)
 - 12.5 (Diameter of hole)
 - 20 (Height of hole)
 - 40 (Width of plate)
 - 80 (Height of plate)

Superior 1.3

ESC 1.50

40

20

35

15

437

24 N1 @5.0 C=112

24 N1 @5.0 C=30

12 N27 @16.0 C=437

437
 7 N27 ø16.0 C=437

TP	RESPONSÁVEL	DESCRIÇÃO DA REVISO	
DATA			
FASE:			
OBSERVAÇÕES			
CONFIRMAR MEDIDAS NA OBRA			
COMP. MUSEU E ARQUIVO HISTÓRICO CAMPUS DIAMANTINA			
RODOVIA MG 367, KM 583, N.º 5000 - ALTO DA JACUÍBA - DIAMANTINAMG PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JACUÍTIHONIA E MUCURI CPF: 16.686.315/0001-57		 UFVJM	

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DETALHAMENTO:	
VERSÃO:	AUTOCAD:
VERSÃO: I	22.08.2011
FOLHA:	
46/71	