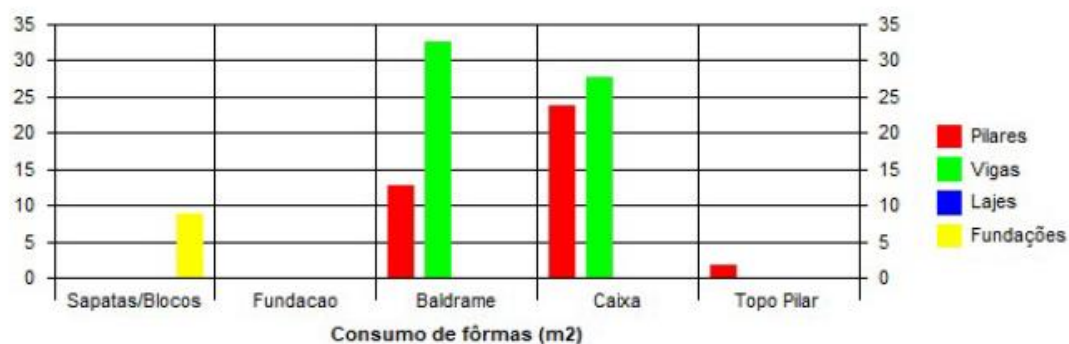
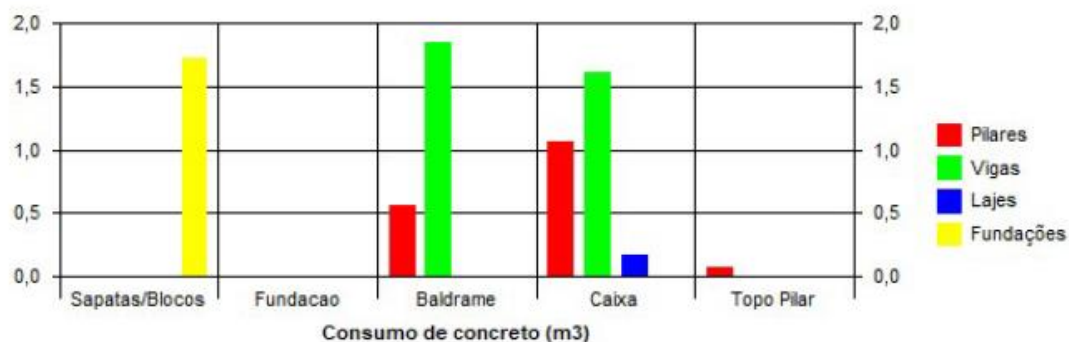


Consumo

Consumo de concreto e fôrmas

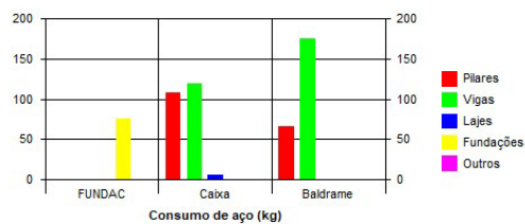
Pavimento	Concreto (m³)					Fôrmas (m²)				
	Pilares	Vigas	Lajes	Fundações	Outros	Pilares	Vigas	Lajes	Fundações	Outros
Topo Pilar	0.1	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0
Caixa	1.1	1.6	0.2	0.0	0.0	23.7	27.6	0.0	0.0	0.0
Baldrame	0.6	1.9	0.0	0.0	0.0	12.7	32.5	0.0	0.0	0.0
Fundacao	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sapatas/Blocos	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	8.8	0.0
TOTAL	1.7	3.5	0.2	1.7	0.0	38.3	60.2	0.0	8.8	0.0



Consumo de aço

Pasta	Aço (kg)				
	Pilares	Vigas	Lajes	Fundações	Outros
FUNDAC	0.0	0.0	0.0	76.1	0.0
Caixa	108.4	118.3	6.4	0.0	0.0
Baldrame	66.4	174.6	0.0	0.0	0.0
TOTAL	174.8	292.9	6.4	76.1	0.0

O consumo de aço nas escadas está incluso na coluna Outros.



Resumo do consumo e taxas

Pavimento/Pasta	Concreto		Fôrmas		Aço		
	Consumo (m³)	Taxa (m³/m²)	Consumo (m²)	Taxa (m²/m²)	Consumo (kg)	Taxa (kg/m²)	Taxa (kg/m³)
FUNDAC	1.7	0.27	8.8	1.4	76.1	11.8	44.3
Topo Pilar	0.1	1.40	1.8	35.0	0.0	0.0	0.0
Caixa	2.8	0.34	51.4	6.2	233.1	28.3	82.1
Baldrame	2.4	0.37	45.3	7.0	241.0	37.3	99.6
Fundacao	0.0		0.0		0.0		
TOTAL	7.0	0.33	107.2	5.1	550.2	26.0	78.1

Os valores /m² são divididos pela área do pavimento e o /m³ pelo volume de concreto.

Consumo de aço por bitola (kg)

Pasta	Bitola (mm)												
	3.2	4.2	5.0	6.3	8.0	10.0	12.5	16.0	20.0	22.0	25.0	32.0	40.0
FUNDAC	0.0	0.0	0.0	0.0	34.7	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Caixa	0.0	0.0	62.6	6.9	60.7	102.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baldrame	0.0	0.0	50.8	6.3	48.4	133.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	113.4	13.2	143.8	278.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0

Consumo de enchimentos de lajes

Pavimento	Enchimentos	
	120 x 33	120 x 25.5
Topo Pilar	0	0
Caixa	4	1
Baldrame	0	0
Fundacao	0	0