



# Reinforcement quantities, per diameter

Example

Date: 09/14/17

Steel type: S-400

Notes:

Weight: The indicated values include the fabrication loss.

The quantities of footings, pile caps, strap and tie beams, and starts are not included.

## Ground Floor

	Reference	Length (m)	Weight (kg)
Joist floor slabs	Ø8	28.10	12
	Ø10	44.40	30
	Ø12	16.10	16
	Ø16	6.80	12
	Total + 10%		70
Concrete beams	Ø6	450.84	110
	Ø8	125.71	55
	Ø10	514.01	349
	Ø12	98.52	96
	Ø16	37.10	64
	Ø20	14.40	39
	Total + 10%		713
Concrete columns	Ø6	299.25	73
	Ø12	73.00	71
	Ø16	75.40	131
	Total + 10%		275

## 2nd & 3rd Floors

	Reference	Length (m)	Weight (kg)
Joist floor slabs	Ø8	5.50	2
	Ø10	27.40	19
	Ø12	42.00	41
	Total + 10%		2 x 62
Concrete beams	Ø6	483.87	118
	Ø8	122.73	53
	Ø10	449.36	305
	Ø12	296.71	290
	Ø16	147.21	256
	Ø20	32.95	89
	Total + 10%		2 x 1111
Concrete columns	Ø6	581.70	142
	Ø12	163.20	159
	Ø16	111.80	194
	Total + 10%		495



# Reinforcement quantities, per diameter

Example

Date: 09/14/17

## Roof

	Reference	Length (m)	Weight (kg)
Joist floor slabs	Ø8	23.70	10
	Ø10	96.70	66
	Ø12	25.40	25
	Total + 10%		101
Concrete beams	Ø6	679.26	166
	Ø8	104.46	45
	Ø10	565.47	383
	Ø12	151.78	148
	Ø16	51.80	90
	Ø20	15.50	42
	Total + 10%		874
Concrete columns	Ø6	291.90	71
	Ø12	110.56	108
	Ø16	14.20	25
	Total + 10%		204

## Lift Machinery Roof

	Reference	Length (m)	Weight (kg)
Joist floor slabs	Ø8	12.00	5
	Ø10	13.20	9
	Total + 10%		14
Concrete beams	Ø6	179.38	44
	Ø10	148.84	101
	Ø12	15.60	15
	Total + 10%		160
Concrete columns	Ø6	119.70	29
	Ø12	37.20	36
	Ø16	12.40	22
	Total + 10%		87

Produced by a version for internal use of CYPE



# Reinforcement quantities, per diameter

Example

Date: 09/14/17

## Job total

	Reference	Length (m)	Weight (kg)
Joist floor slabs	Ø8	69.30	31
	Ø10	181.70	143
	Ø12	83.50	123
	Ø16	6.80	12
	Total + 10%		309
Concrete beams	Ø6	1793.34	556
	Ø8	352.90	206
	Ø10	1677.68	1443
	Ø12	562.61	839
	Ø16	236.11	666
	Ø20	62.85	259
	Total + 10%		3969
Concrete columns	Ø6	1292.55	315
	Ø12	383.96	374
	Ø16	213.80	372
	Total + 10%		1061

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