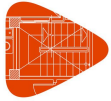


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# Reinforcement quantities by diameter

Example\_01

Date: 05/14/26

## 1. NOTES

Steel type: A615M Gr60

Weight: The indicated values include the steel leftovers.

## 2. FLOOR 1

	Reference	Length (m)	Weight (kg)
Shear walls	#3	5169.52	3168
	#4	348.12	388
	#5	1375.20	2375
	<b>Total + 10%</b>		<b>5931</b>
Coupling beams	#3	231.28	142
	#4	268.48	299
	<b>Total + 10%</b>		<b>441</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	5400.80	3310
	#4	616.60	687
	#5	1375.20	2375
	<b>Total + 10%</b>		<b>6372</b>

## 3. FLOOR 2

	Reference	Length (m)	Weight (kg)
Shear walls	#3	4783.28	2931
	#4	437.04	487
	#5	967.68	1671
	<b>Total + 10%</b>		<b>5089</b>
Coupling beams	#3	231.28	142
	#4	165.04	184
	#5	113.92	197
	<b>Total + 10%</b>		<b>523</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	5014.56	3073
	#4	602.08	671
	#5	1081.60	1868
	<b>Total + 10%</b>		<b>5612</b>



# Reinforcement quantities by diameter

Example\_01

Date: 05/14/26

## 4. FLOOR 3

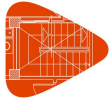
	Reference	Length (m)	Weight (kg)
Shear walls	#3	4518.00	2769
	#4	437.04	487
	#5	850.32	1468
	<b>Total + 10%</b>		<b>4724</b>
Coupling beams	#3	231.28	142
	#4	165.04	184
	#5	113.92	197
	<b>Total + 10%</b>		<b>523</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	4749.28	2911
	#4	602.08	671
	#5	964.24	1665
	<b>Total + 10%</b>		<b>5247</b>

## 5. FLOOR 4

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2856.70	1751
	#4	576.72	643
	#5	475.20	821
	<b>Total + 10%</b>		<b>3215</b>
Coupling beams	#3	231.28	142
	#4	165.04	184
	#5	113.92	197
	<b>Total + 10%</b>		<b>523</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	3087.98	1893
	#4	741.76	827
	#5	589.12	1018
	<b>Total + 10%</b>		<b>3738</b>



# Reinforcement quantities by diameter

Example\_01

Date: 05/14/26

## 6. FLOOR 5

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2676.32	1640
	#4	576.72	643
	#5	374.08	646
	<b>Total + 10%</b>		<b>2929</b>
Coupling beams	#3	231.28	142
	#4	165.04	184
	#5	113.92	197
	<b>Total + 10%</b>		<b>523</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	2907.60	1782
	#4	741.76	827
	#5	488.00	843
	<b>Total + 10%</b>		<b>3452</b>

## 7. FLOOR 6

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2376.68	1456
	#4	576.72	643
	#5	236.60	409
	<b>Total + 10%</b>		<b>2508</b>
Coupling beams	#3	231.28	142
	#4	165.04	184
	#5	113.92	197
	<b>Total + 10%</b>		<b>523</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	2607.96	1598
	#4	741.76	827
	#5	350.52	606
	<b>Total + 10%</b>		<b>3031</b>



# Reinforcement quantities by diameter

Example\_01

Date: 05/14/26

## 8. FLOOR 7

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2924.64	1792
	#5	99.12	171
	<b>Total + 10%</b>		<b>1963</b>
Coupling beams	#3	168.88	103
	#4	152.64	170
	#5	106.56	184
	<b>Total + 10%</b>		<b>457</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	3093.52	1895
	#4	152.64	170
	#5	205.68	355
	<b>Total + 10%</b>		<b>2420</b>

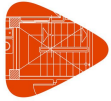
## 9. FLOOR 8

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2757.12	1690
	<b>Total + 10%</b>		<b>1690</b>
Coupling beams	#3	168.88	103
	#4	152.64	170
	#5	106.56	184
	<b>Total + 10%</b>		<b>457</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	2926.00	1793
	#4	152.64	170
	#5	106.56	184
	<b>Total + 10%</b>		<b>2147</b>

## 10. FLOOR 9

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2757.12	1690
	<b>Total + 10%</b>		<b>1690</b>
Coupling beams	#3	168.88	103
	#4	152.64	170
	#5	106.56	184
	<b>Total + 10%</b>		<b>457</b>



# Reinforcement quantities by diameter

Example\_01

Date: 05/14/26

	Reference	Length (m)	Weight (kg)
Summary	#3	2926.00	1793
	#4	152.64	170
	#5	106.56	184
	<b>Total + 10%</b>		<b>2147</b>

## 11. FLOOR 10

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2757.12	1690
	<b>Total + 10%</b>		<b>1690</b>
Coupling beams	#3	168.88	103
	#4	248.72	277
	<b>Total + 10%</b>		<b>380</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	2926.00	1793
	#4	248.72	277
	<b>Total + 10%</b>		<b>2070</b>

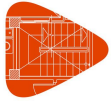
## 12. FLOOR 11

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2757.12	1690
	<b>Total + 10%</b>		<b>1690</b>
Coupling beams	#3	168.88	103
	#4	248.72	277
	<b>Total + 10%</b>		<b>380</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	2926.00	1793
	#4	248.72	277
	<b>Total + 10%</b>		<b>2070</b>

## 13. FLOOR 12

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2757.12	1690
	<b>Total + 10%</b>		<b>1690</b>
Coupling beams	#3	298.48	183
	#4	152.40	170
	<b>Total + 10%</b>		<b>353</b>



# Reinforcement quantities by diameter

Example\_01

Date: 05/14/26

	Reference	Length (m)	Weight (kg)
Summary	#3	3055.60	1873
	#4	152.40	170
	<b>Total + 10%</b>		<b>2043</b>

## 14. FLOOR 13

	Reference	Length (m)	Weight (kg)
Shear walls	#3	2757.12	1690
	<b>Total + 10%</b>		<b>1690</b>
Coupling beams	#3	298.48	183
	#4	152.40	170
	<b>Total + 10%</b>		<b>353</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	3055.60	1873
	#4	152.40	170
	<b>Total + 10%</b>		<b>2043</b>

## 15. FLOOR 14

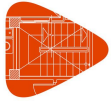
	Reference	Length (m)	Weight (kg)
Shear walls	#3	2735.84	1677
	<b>Total + 10%</b>		<b>1677</b>
Coupling beams	#3	255.28	156
	#4	152.40	170
	<b>Total + 10%</b>		<b>326</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	2991.12	1833
	#4	152.40	170
	<b>Total + 10%</b>		<b>2003</b>

## 16. FLOOR 15

	Reference	Length (m)	Weight (kg)
Shear walls	#3	1835.52	1125
	<b>Total + 10%</b>		<b>1125</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	1835.52	1125
	<b>Total + 10%</b>		<b>1125</b>



# Reinforcement quantities by diameter

Example\_01

Date: 05/14/26

## 17. JOB TOTAL

	Reference	Length (m)	Weight (kg)
Shear walls	#3	46419.22	28449
	#4	2952.36	3291
	#5	4378.20	7561
	<b>Total + 10%</b>		<b>39301</b>
Coupling beams	#3	3084.32	1889
	#4	2506.24	2793
	#5	889.28	1537
	<b>Total + 10%</b>		<b>6219</b>

	Reference	Length (m)	Weight (kg)
Summary	#3	49503.54	33372
	#4	5458.60	6692
	#5	5267.48	10008
	<b>Total + 10%</b>		<b>50072</b>