

NEW SOUTH WALES MARCH 2006

Cordell Commercial/Industrial Building Cost Guide

Volume 37 Issue 1

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Printed by Docmaster Pty Ltd ABN 93 087 250 575
ISSN 1320-4319

MASONRY - BRICKWORK

Estimator Tips

- ☞ Unit rates include labour, material and plant hire costs but exclude contractors margin and GST.
- ☞ Rates do not include scaffolding or materials handling above the 1st lift, refer Preliminaries Section.
- ☞ Average allowance for waste has been included.

	Per	Labour	Material	Plant	GST not included Other	Total
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LABOUR

Labour

bricklayer/blocklayer	h	48.50	-	-	-	48.50
labourer; group 3	h	33.00	-	-	-	33.00

Bricklaying

230 x 110 x 76mm commercial	1000	1150.00	-	-	-	1150.00
290 x 90 x 90mm commercial	1000	1400.00	-	-	-	1400.00

MATERIALS

Mortar

lime; 25 kilogram bag	no	-	9.20	-	-	9.20
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bricklaying sand

yellow	t	-	21.00	-	-	21.00
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cement; 40 kilogram bag

grey	1	-	12.20	-	-	12.20
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Clay bricks

common; 230 x 110 x 76mm	1000	-	625.00	-	-	625.00
face; 230 x 110 x 76mm average	1000	-	950.00	-	-	950.00
quality	1000	-	1200.00	-	-	1200.00
prestige	1000	-	1400.00	-	-	1400.00

Purpose made clay bricks

230 x 110 x 76mm						
squint	no	-	6.29	-	-	6.29
single cant	no	-	6.29	-	-	6.29
plinth header	no	-	8.55	-	-	8.55
plinth stretcher	no	-	8.55	-	-	8.55
plinth stop	no	-	8.55	-	-	8.55
single bullnose	no	-	8.55	-	-	8.55
ogee stepped	no	-	8.55	-	-	8.55
plinth ogee stepped	no	-	8.55	-	-	8.55
230 x 230 x 110mm						
corner	no	-	28.38	-	-	28.38

Concrete bricks

common; 230 x 110 x 76mm	1000	-	446.60	-	-	446.60
face; 230 x 110 x 76mm	1000	-	482.12	-	-	482.12

Calcium silicate bricks

common						
230 x 110 x 76mm	1000	-	390.00	-	-	390.00
230 x 110 x 119mm	1000	-	485.00	-	-	485.00
230 x 140 x 76mm	1000	-	475.00	-	-	475.00
230 x 140 x 119mm	1000	-	745.00	-	-	745.00
290 x 90 x 90mm	1000	-	475.00	-	-	475.00
face						
230 x 110 x 76mm	1000	-	450.00	-	-	450.00
230 x 110 x 119mm	1000	-	505.00	-	-	505.00
290 x 90 x 90mm	1000	-	495.00	-	-	495.00

UNIT RATES

Clay common brickwork (commercial)

(laid in 1:1:6 mortar)

230 x 110 x 76mm						
base rate	1000	1150.00	725.29	-	-	1875.29
footings						
350mm thick	m2	167.90	109.76	-	-	277.66
470mm thick	m2	223.10	147.00	-	-	370.10
walls						
110mm thick	m2	56.35	35.91	-	-	92.26
230mm thick	m2	111.55	72.51	-	-	184.06
350mm thick	m2	167.90	109.76	-	-	277.66

	Per	Labour	Material	Plant	GST not included Other	Total
attached piers						
110mm thick.....m2		69.35	35.91	-	-	105.26
230mm thick.....m2		124.55	72.51	-	-	197.06
isolated piers						
230 x 230mm.....m		31.11	16.37	-	-	47.48
350 x 350mm.....m		63.42	37.96	-	-	101.38
470 x 470mm.....m		109.08	68.42	-	-	177.50
circular walls						
3.0m radius x 110mm thick.....m2		75.85	35.91	-	-	111.76
3.0m radius x 230mm thick.....m2		144.05	72.51	-	-	216.56
Clay face brickwork (commercial)						
<i>(laid in 1:1:6 mortar; based on average standard bricks)</i>						
230 x 110 x 76mm						
base rate.....1000		1215.00	1066.54	-	-	2281.54
walls						
110mm thick.....m2		59.55	52.81	-	-	112.36
230mm thick.....m2		117.87	105.66	-	-	223.53
350mm thick.....m2		177.39	159.49	-	-	336.88
attached piers						
110mm thick.....m2		75.85	52.81	-	-	128.66
230mm thick.....m2		131.05	105.66	-	-	236.71
isolated piers						
230 x 230mm.....m		34.36	23.65	-	-	58.01
350 x 350mm.....m		66.67	54.86	-	-	121.53
470 x 470mm.....m		112.33	98.88	-	-	211.21
circular walls						
3.0m radius x 110mm thick.....m2		79.05	59.81	-	-	138.86
3.0m radius x 230mm thick.....m2		144.05	105.66	-	-	249.71
Concrete common brickwork (commercial)						
<i>(laid in 1:1:6 mortar)</i>						
230 x 110 x 76mm						
base rate.....1000		1150.00	537.97	-	-	1687.97
footings						
350mm thick.....m2		167.90	82.47	-	-	250.37
470mm thick.....m2		223.10	110.61	-	-	333.71
walls						
110mm thick.....m2		56.35	26.63	-	-	82.98
230mm thick.....m2		111.55	54.31	-	-	165.86
350mm thick.....m2		167.90	82.47	-	-	250.37
attached piers						
110mm thick.....m2		69.35	26.63	-	-	95.98
230mm thick.....m2		124.55	54.31	-	-	178.86
isolated piers						
230 x 230mm.....m		31.11	12.37	-	-	43.48
350 x 350mm.....m		63.42	28.68	-	-	92.10
470 x 470mm.....m		109.08	51.71	-	-	160.79
circular walls						
3.0m radius x 110mm thick.....m2		75.85	26.63	-	-	102.48
3.0m radius x 230mm thick.....m2		144.05	54.31	-	-	198.36
Concrete face brickwork (commercial)						
<i>(laid in 1:1:6 mortar)</i>						
230 x 110 x 76mm						
base rate.....1000		1215.00	575.27	-	-	1790.27
walls						
110mm thick.....m2		59.55	28.48	-	-	88.03
230mm thick.....m2		117.87	57.94	-	-	175.81
350mm thick.....m2		177.39	87.90	-	-	265.29
attached piers						
110mm thick.....m2		75.85	28.48	-	-	104.33
230mm thick.....m2		131.05	57.94	-	-	188.99
isolated piers						
230 x 230mm.....m		34.36	13.17	-	-	47.53
350 x 350mm.....m		66.67	30.53	-	-	97.20
470 x 470mm.....m		112.33	55.03	-	-	167.36
circular walls						
3.0m radius x 110mm thick.....m2		79.05	28.48	-	-	107.53
3.0m radius x 230mm thick.....m2		150.37	57.94	-	-	208.31
Calcium silicate common brickwork (commercial)						
<i>(laid in 1:1:6 mortar)</i>						
230 x 110 x 76mm						
base rate.....1000		1150.00	478.54	-	-	1628.54
footings						
350mm thick.....m2		167.90	73.81	-	-	241.71