

SECTION 04210 BRICKWORK

SCOPE OF WORK *Perform work described here and shown on drawings including but not limited to:*
Supply labour and install materials. Build in miscellaneous materials (flashing, wall ties, damp proof course, anchors etc.)
Include staging, scaffolding and cleaning.

CO-OPERATE WITH THESE OTHER TRADES *to resolve possible problems before starting work*
Concrete, structural steel, wall framing, doors and windows.

COMPLY WITH APPLICABLE CLAUSES OF THESE BUILDING STANDARDS *Current Edition.*

AS 1316 2003 Masonry cement.
AS/NZS 1576 Scaffolding. *There are 6 parts to this Standard, 1991-2000.*
AS/NZS 2904 1995 Damp-proof courses and flashings.
AS 3700 2001 Masonry structures
Comply throughout with the current edition of the Building Code.

MATERIALS TO BE USED

PLEASE NOTE CHECKLIST FOR THIS TRADE SECTION. IT LISTS SPECIFIABLE ITEMS YOU MAY WISH TO INCLUDE.

Item	Description	Manufacturer/Supplier
Bricks		IDENTIFY
Sizes		
Colour		
Specials		
Sizes		
Colour		
Mortar	6 parts sand, 1 part cement, 1 part lime	
Pigment for mortar		
Reinforcement	Galvanised mesh	
Wall ties		
Damp proof course		
Expansion (control) joints		
Lintels	See Schedule below	
Anchors to columns or beams		

MASONRY EXPANSION TIES 03) 9429 6022

PREPARATION *Inspect conditions at site before starting work*

Review work with other trades, piping, ducts etc. Clean base before laying masonry. Set doors and windows plumb and brace. Construct a sample wall of 3 square metres. Stop. When approved by architect, continue.

ON-SITE ACTIONS *Start of work means total acceptance of conditions*

Machine mix. Mortar life: 2 Hours. Joints: **IDENTIFY** tooled, struck, recessed, other. Weep holes at 1200mm centres. Bonding: Stretcher bond, **OTHER:** Bed joints: 10mm. Install DPC, wall ties, reinforcement, flashing to AS 3700. Install ties to anchor masonry to structure, doors, windows etc. Remove mortar from wall ties in cavity walls at the end of each day. Construction joints @ max. 6000mm centre. Clean with 5% hydrochloric acid to face work. Bagged finish on completion same material as for mortar.

External openings		LINTELS in Brick walls or Block walls		Internal openings	
SPAN	SIZE	END BEARINGS	SPAN	SIZE	
up to 950mm	74 x 10 flat	150mm	up to 950mm	74 x 10 flat	
950 to 1200	76x76x10L	200mm	950 to 1200	75x12 flat	
1200 to 1650	102x76x10L	230mm	1200 to 1650	102x76x10L	
1650 to 2400	127x76x10L	230mm	1650 to 2400	127x76x10L	
2400 to 3000	152x89x10L	230mm	2400 to 3000	152x89x10L	

Hot dip galvanise lintels in external openings.

ADD HERE, IF REQUIRED, MORE TRADE INSTRUCTIONS SPECIFIC TO THIS PROJECT.

COMPLETION	WARRANTY	Period
Complete work in accordance with instructions and written variation orders.	N/A	

END OF SECTION