SOUTH ATLANTIC
MASONRY PRODUCTS

TECHNICAL DATA SHEET

ROLL FORMED BRICK LINTELS

Roll Formed Brick Lintels are used to support masonry over window, door and other types of openings in brick veneer.
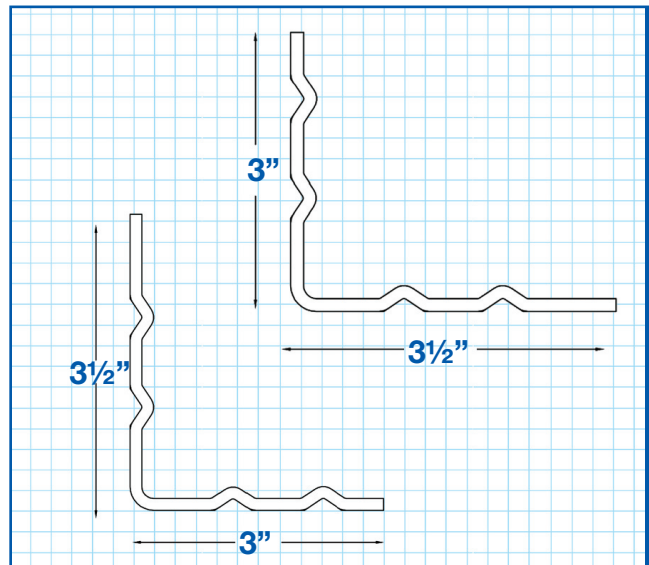
Available In:
Prime painted steel or G60 galvanized steel.
14 ga - 3" x 3.5" lintels or 10 ga – 3" x 3.5" lintels

Installation:
Designed for installation per the Brick Institute of America Technical Notes 31B and per the 2006 International Residential Code, Section R703.7.1 and 2. The Roll Formed Brick Lintels as listed above can be installed with the 3.5" leg Vertical or Horizontal. Refer to the South Atlantic Masonry Products Roll Formed Brick Lintels Span Charts for the allowable spans and load capacities for each gauge and orientation.

Maintenance:
Primed lintels should be painted after installation with a finish coat. Galvanized Lintels should be inspected for damage to the coating after installation and the galvanizing repaired as needed. Periodic repainting and galvanizing touch ups should be planned as part of any normal building maintenance program.

Diagram showing lintel cross-section: 3", 3½", 3½", 3"

Steel Specifications:
Painted & galvanized materials:
10 gauge ASTM A1011 CS Type B Hot-Rolled Steel (same for both galvanized and painted material)
14 gauge ASTM A1008 CS Type B Cold-Rolled Steel (for the galvanized material)
14 gauge ASTM A1011 CS Type B Hot-Rolled Steel (for painted material)

Coating Specifications:
Galvanized: A653 G60 (.60 oz./sq.ft. total top & bottom coating)
Painted coating: Valspar #PMR0462 Red/Brown @ .50 mils top and bottom

Maximum Recommended Spans w/ Maximum Triangular Loading (Arching Action)

		2'	3'	4'	5'	6'	7'	8'	9'	10'
10ga	3"x3.5"	OK	OK	OK	OK	OK	1.6'	1.2'	1.0'	0.70'
	3.5"x3"	OK	OK	OK	OK	OK	1.4'	0.9'	0.65'	0.48'
14ga	3"x3.5"	OK	OK	OK	OK	1.2'	0.85'	0.65'	0.53'	0.40'
	3.5"x3"	OK	OK	OK	1.5'	0.8'	0.78'	0.52'	0.38'	0.28'

Cells highlighted in blue indicate Maximum Brick Height for Longer Spans (No Arching Action)

Technical Services:
Refer to the span charts and section property data available from South Atlantic Masonry Products or call for technical assistance at the numbers to the right.

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