



PART 1. GENERAL (SECTION 040523 FOR BOMETALS RUBBER MASONRY CONTROL JOINT)

1.01 SECTION INCLUDES

- A. Provision of BoMetals Rubber Masonry Control Joint to prevent random cracking caused by movements in adjacent building elements.
- B. Placing of BoMetals Rubber Masonry Control Joint where cracking is likely to occur because of excessive stress.
- C. Placing BoMetals Rubber Masonry Control Joint in clay and concrete unit masonry.

1.02 REFERENCES

- A. American Society for Testing and Materials
- B. Section 042100 Clay Unit Masonry
- C. Section 042200 Concrete Unit Masonry

1.03 QUALITY ASSURANCE

- A. Rubber Masonry Control Joint manufacturer shall demonstrate 5 years continuous, successful experience in production of Rubber Control Joint.
- B. Rubber control joint materials shall be manufactured from high grade rubber without contaminants.

1.04 SUBMITTALS

- A. Comply with Section 13300 – Submittal Procedures.
- B. Submit product data sheet with physical properties.
- C. Submit instructions from manufacturer for installation.
- D. Submit manufacturer's 12" sample for each Masonry Control Joint Profile.
- E. Submit certification from manufacturer that materials comply with specifications.
- F. Submit warranty from manufacturer.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Store BoMetals Rubber Masonry Control Joint in its original package away from moisture.
- B. If BoMetals Rubber Masonry Control Joint is out of its shipping packages the joint material should be protected from sunlight, dirt, oil and contaminants.

Part 2. PRODUCTS



2.01 MANUFACTURER

- A. Provide flexible Rubber Masonry Control Joint profile(s) as manufactured by BoMetals, Inc _____ (file in profile(s) required).
- B. The Rubber Masonry Control Joint shall be extruded from top quality uncontaminated prime Rubber.
- C. BoMetals Rubber Masonry Control Joint is manufactured in lengths of four feet, however, special lengths are available on request.
- D. Performance requirements as follows:

Properties	Test method	Nominal value
ELONGATION	ASTM D 2000	500%
TENSILE STRENGTH	ASTM D 2000	732 PSI
SHORE HARDNESS A	ASTM D 2000	80 +/- 5

2.02 LOCATION

- A. Control joints are typically located at wall openings.
- B. Changes in wall height or thickness.
- C. Construction joints in foundations, roofs and floors.
- D. Wall intersections.
- E. Distance not over 1/2 the allowable joint spacing from all corners.
- F. A determined spacing for the length of the wall.
- G. For walls without openings, control joints are used to divide wall into a series of isolated panels.

2.03 CONTROL JOINT SPACING AS FOLLOWS

RECOMMENDED SPACING OF CONTROL JOINTS	VERTICAL SPACING OF JOINT REINFORCEMENT			
	NONE	24"	16"	8"
RATIO OF PANEL LENGTH (L) TO HEIGHT (H) L/H	2	2 1/2	3	4
MAX. PANEL HEIGHT	40'	45'	50'	60'

PART 3. EXECUTION

3.01 INSTALLATION

- A. No Special installation specifications are required for the products beyond what what would normally appear in a Concrete Unit Masonry Specification.

3.02 PREPARATION

- A. Position BoMetals Masonry Control Joint in concrete unit masonry per Specifications.
- B. Inspect BoMetals Masonry Control Joint to be sure they are free of dirt and surface contaminants.