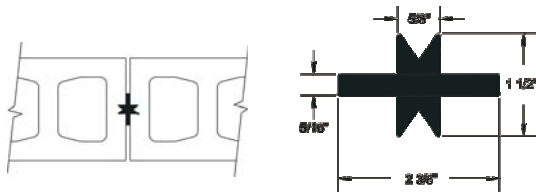
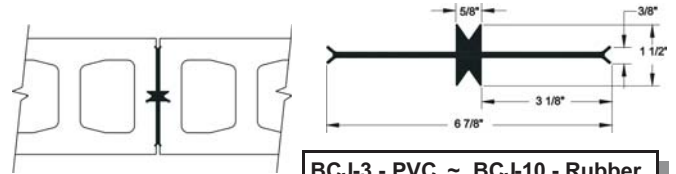


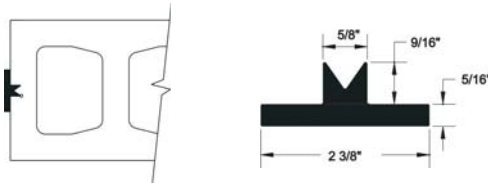
Control Joint Specification Sheet



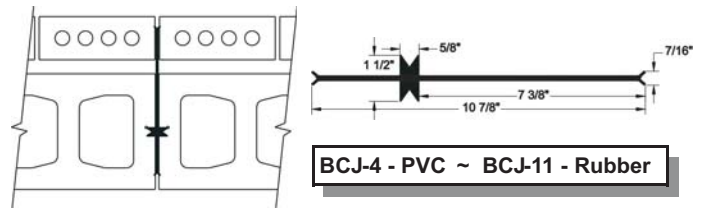
BCJ-1 - PVC ~ BCJ-8 - Rubber



BCJ-3 - PVC ~ BCJ-10 - Rubber



BCJ-2 - PVC ~ BCJ-9 - Rubber



BCJ-4 - PVC ~ BCJ-11 - Rubber

Description

Cracking in buildings normally results from restrained movement. This movement may originate within a building material due to temperature change or shrinkage; or may result from movement of adjacent building elements. In most cases, movement is inevitable and must be accounted for during design if cracking is to be controlled.

Control joints placed in concrete masonry walls are an excellent method of crack control. Control joints are vertical separations built into a concrete masonry wall to reduce restraint and permit longitudinal movement. They are located where cracking is likely to occur due to excessive tensile stress.

Control joints are typically located at:

- ✍ wall openings
- ✍ changes in wall height or thickness
- ✍ construction joints in foundations, roofs and floors
- ✍ wall intersections
- ✍ a determined spacing for the length of the wall
- ✍ distance of not over one-half the allowable joint spacing from all corners

For walls without openings, control joints are used to effectively divide a wall into a series of isolated panels.

BoMetals masonry control joints are standard black in color in 4' lengths. Special lengths are available on request.

Typical Physical Properties

PVC, D-2287	ASTM	NOMINAL VALUE
Tensile Strength	D-638	1500 PSI
Elongation	D-638	300%
Specific Gravity	D-792	1.40 (+/-0.05)
Hardness Shore A	D-2240	85 +/- 5

RUBBER	ASTM	NOMINAL VALUE
Tensile Strength	D-2000	750 PSI
Elongation	D-2000	300%
Hardness Shore A	D-2000	70 (+/-5)

LEED INFORMATION

Please refer to the **Materials & Resources (MR)** section of the **LEED Project Checklist or Scorecard** for the below information. Please call us with any other needs.

MR Credit 4 BoMetals Recycled Content:

PVC has 100% Pre-Consumer (Or 100% Post-Industrial)
Rubber has 100% Pre-Consumer (Or 100% Post-Industrial)

MR Credit 5 Regional Materials:

Is your job site within a 500-mile radius of our manufacturing facility in Carrollton, GA 30117? If so, please see this section on your checklist or scorecard.