

IPCO CONTROL JOINTS

1. Product Name

IPCO Control Joints for masonry

2. Manufacturer

Illinois Products Corporation (IPCO)
423 Joseph Drive
South Elgin, IL 60177-2268
800-383-8183; 847-289-2800
847-289-2804 (fax)
www.illinoisproducts.com

3. Product Description

IPCO Control Joints are used in concrete block, brick, and composite walls. IPCO Control Joints serve as shear keys and fillers in continuous vertical wall joints. These vertical wall joints relieve stresses (which cause cracks) due principally to moisture shrinkage and temperature fluctuations.

Used with flexible preformed IPCO Joint Fillers (Recoverex, Neocell and Neofirm) and a caulking sealant, the combination produces a weathertight joint free to move in the longitudinal direction of the wall.

IPCO Control Joints are made of polyvinyl chloride (PVC) compounded to provide stress relief with adequate lateral shear stability.

IPCO Standard Control Joint (CJ-S) is inserted in the groove of a standard sash block. This same control joint may be used with other wall thicknesses by varying the depth of the joint filler (Recoverex, Neocell or Neofirm). Wide Control Joint (CJ-8) eliminates the need for additional filler when used with a nominal 8" block. For a nominal 12" block, CJ-12 may be used without a filler.

Information on the recommended location and spacing of control joints in concrete masonry is available from the National Concrete Masonry Association (NMCA) and many state and local masonry associations.

4. Technical Data

- Material: Polyvinyl Chloride
- Standards: Meets ASTM D2287; Type PVC 654-4
- Specifications:
 - Durometer Hardness: 85±5 (Test method ASTM D2240)
 - Cold Crack Brittleness: -35°F
- Dimensions:
 - CJ-S: 2 $\frac{5}{8}$ " x 48"
 - CJ-8: 6 $\frac{7}{8}$ " x 48"
 - CJ-12: 10 $\frac{7}{8}$ " x 48"

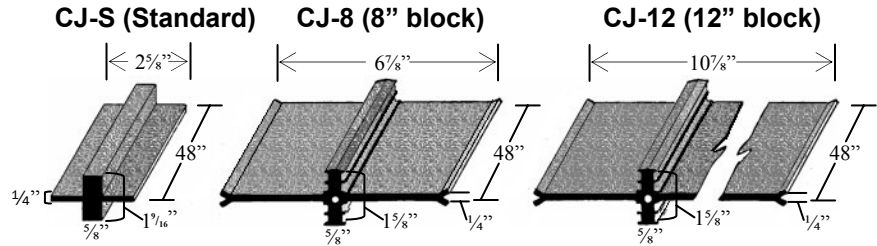
(For additional measurements, see above)

5. Installation

IPCO Standard Control Joint (CJ-S) is inserted in the groove of a standard sash block. This same control joint may be used with other wall thicknesses by varying the depth of the joint filler (Recoverex, Neocell or Neofirm). Wide Control Joint (CJ-8) eliminates the need for additional filler when used with a nominal 8" block. For a nominal 12" block, CJ-12 may be used without a filler.

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IPCO CONTROL JOINT SIZES



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6. Availability and Cost

All Illinois Products Corporation masonry products and cost information are available through a nationwide network of masonry and building supply distributors.

7. Warranty

The recommendations and properties attributed to the products are based upon what is believed to be reliable information. Illinois Products Corporation warrants materials to be of good quality and will replace unused material proven to be defective. No expressed or implied warranty of installed material is made because satisfactory results depend not only on product quality but also upon factors that are beyond IPCO's control.

8. Maintenance

No maintenance is required after proper installation.

9. Technical Services

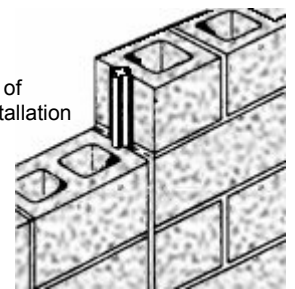
Contact the manufacturer for any required technical services. Details and suggested application drawings are available on each individual product data sheet. IPCO Material Safety Data Sheets should be read and understood by all personnel before using the products.

10. Filing Systems

Product information is available from the manufacturer in the following formats:

- Complete IPCO product line catalog in printed and CD formats
- Online access to all data sheets at: www.illinoisproducts.com

Diagram of CJ-S installation



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