

For assistance with detail review, additional options, radius closures, penetration closures and specialty one-of-a-kind products, contact Johns Manville Specialty Roofing Products Technical Services at:

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Insulated and Noninsulated Roof [Expansion] [Control] [Seismic] Joint Cover (*standard exposed metal flanges*)

Warranty description for insertion into Part 1 of spec. (Note: Include the following where JM Single Ply, Built-Up or Modified Bitumen systems are specified to provide a total system guarantee.)

A. Total System Guarantee: Joint cover shall be included as part of the Johns Manville Roof System Guarantee. See Section [____].

Product description for insertion into Part 2 of spec.

- A. Roof [Expansion] [Control] [Seismic] Joint Cover: Johns Manville Expand-O-Flash.
1. Style: [As indicated] [CF] [EJ] [CF-EJ] [-INS (Note: Include suffix for insulated system.)].
 2. Joint Bellow Widths: [As indicated.] [4 in. (10.1 cm)] [6 in. (15.21 cm)] [8 in. (20.3 cm)] [10 in. (25.4 cm)] [12 in. (30.4 cm)] [____ in. (____ mm)]. (*Note: Wider widths available; contact JM.*)
 3. Bellows: 0.060 in. (1.5 mm) thick nonreinforced [Black] [White] E(EPDM) [N(neoprene)] (*Note: Include where prolonged exposure to process oils or animal fats is an issue. EPDM has greater UV resistance.*) bellows adhesively and mechanically combined to metal flanges by bifurcation process.
 4. Bellow Supports: Closed cell foam, 3/8 in. (9.5 mm) minimum thickness.
 5. Flange Metal: [0.018 in. (0.46 mm) thick type 304 - 2D stainless steel] [16 oz (0.56 mm) copper] [16 oz (0.56 mm) lead-coated copper] [26 gauge (0.56 mm) G60 hot-dipped galvanized steel] [0.032 in. (0.81mm) thick mill aluminum] (*Note: Other metals available; contact JM.*)
 6. Provide matching factory-fabricated corners, transitions, intersections and terminations.
 7. [Insulated Expansion [Control] [Seismic] Joint: Integrally attached system consisting of Microlite® "L" specialty fiber glass insulation wrapped in 4 mil minimum thickness polyethylene sleeve and supported by neoprene-coated nylon fabric vapor retarder. (*Note: The bellow supports hold the membrane to the proper shape over the joint, and are not intended to be the joint insulation. Include this paragraph if the reduction of heat loss or sound through the joint is required.*)
 8. Fasteners: Corrosion-resistant fasteners compatible with flange metal and equivalent in corrosion resistance, of proper length and type for substrate.

Product installation for insertion into Part 3 of spec.

- A. Roof [Expansion] [Control] [Seismic] Joint Cover: Install joint cover and accessories in strict accordance with manufacturer's written instructions, providing a permanent weathertight installation.
1. Attach flanges securely to substrate, allowing proper spacing at splices and flange cuts for longitudinal expansion of flanges.
 2. Splice adjoining sections, corners, transitions, intersections, terminations and expansion slots using expansion joint manufacturer-furnished splice kit. Prime metal flanges to assure proper adhesion of splice strip. Follow joint manufacturer's requirements for type of roofing system used for the project.
 3. Flash flanges into roof system per roof system manufacturer's requirements.

