Features and Components

Expand-O-Gard expansion joints are flexible waterproof closures for vertical building walls designed to accommodate movement between building components caused by thermal, settlement, wind, flex and seismic forces. Each Expand-O-Gard cover is a combination of a flexible rubber membrane, with two metal flanges, adhesively and mechanically combined to the bellows by a patented bifurcation process.

Advantages

- Accommodates multidirectional movement
- Non-reinforced bellows for both geometric and elastomeric movement
- Designed in a variety of styles for application requirements
- Labor saving factory crafted intersections to fit most needs or custom designed for special needs

Bellows:

Widths: 4" - 12" (10.16 cm - 30.48 cm) Standard
(Special sizes are available up to 54" [1.37 m] wide)

Membrane
EPDM
Thickness: 0.060" (1.52 mm)
Colors: Black or White - premium priced and available upon request.

Closed Cell Support Foam
Thickness varies from 0.375" - 0.75" (9.53 mm to 19.1 mm) depending on bellows width.

Bellows:

Flange:
- Aluminum: .032" (0.81 mm)
- Copper: 16 oz. (0.56 mm)
- Galvanized Steel: .036" (0.91 mm)
- Stainless Steel: .018" (0.46 mm) folded to .036" (0.91 mm)

1. Other metals are available upon request.
2. Available in Kynar® finish colored upon request.

Kynar® is a registered trademark of Arkema, Inc.

Styles:

- WS = For masonry construction, metal buildings and panel wall systems where flanges are concealed and/or sandwiched within the wall system.
- F = For joints between new and existing vertical walls, between curtain walls and glass atriums, and other vertical building walls where the flange is part of the closure design.

Factory fabricated transitions are available.

System Compatibility

This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Energy and the Environment

Pre-Consumer Recycled Content 0%
Post-Consumer Recycled Content 0%

Expand-O-Gard qualifies for JM 10 year Expand-O-Flash warranty.

Installation/Application

Refer to JM applicator guides or detail drawings for instructions.

Packaging and Dimensions

<table>
<thead>
<tr>
<th>Styles</th>
<th>WS</th>
<th>F</th>
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</thead>
<tbody>
<tr>
<td>Bellows Widths*</td>
<td>4&quot; - 12&quot; (10.16 cm - 30.48 cm)</td>
<td></td>
</tr>
<tr>
<td>Flange Widths</td>
<td>4&quot; (10.16 cm)</td>
<td>2.25&quot; (5.72 cm)</td>
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<tr>
<td>Roll Lengths</td>
<td>10 ft (3.05 m)</td>
<td>100 ft (30.48 m)</td>
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<tr>
<td></td>
<td>50 ft (15.24 m)</td>
<td>10 ft (3.05 m)</td>
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<tr>
<td></td>
<td>100 ft (30.48 m)</td>
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<td>*Other sizes are available, contact JM for more information.</td>
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Refer to the Safety Data Sheet and product label prior to using this product.
The Safety Data Sheet is available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.