

Iso-Flex® PD Cover Plate

Hinged Aluminum Cover System

PRODUCT DESCRIPTION

The **PD Series Cover Plate** is a surface mounted, hinged cover plate system that is designed to allow for structural movement and differential settlements that can occur at expansion joint openings. The PD Cover uses a unique hinge that will accommodate up to 1.125" of vertical displacement. The overall thickness of the plate is up to 3/8", a thickness that allows for greater load carrying ability at larger joint openings.

BASIC USES

Recommended areas for usage include: parking garages, airports, stadiums, warehouses, manufacturing facilities, retail space, and convention centers. The system is applicable to new and retrofit applications. The system is intended for pedestrian and low speed vehicle traffic.

ADVANTAGES

- The system allows for vertical displacement without failure.
- The system is made in a number of sizes to allow for varied joint width conditions.
- The system is ADA compliant with a serrated top surface.
- The system can be fire rated where conditions dictate.
- The system can be augmented with an optional noise dampening sealant.
- The system can incorporate an optional moisture barrier where required.
- The unique interlocking hinged connection allows for a 5° upward and 10° downward displacement.
- The system design allows for attachment in floor or wall conditions.
- The system is produced in 10 foot standard lengths.
- The system is extruded in 6063-T6 aluminum alloy.

LIMITATIONS

Performance of the Iso-Flex PD Series Cover Plate is closely tied to preparation and installation techniques as well as structural behavior of the expansion joint. Maintaining close tolerances is essential to the success of this expansion joint system, and this system should only be installed by skilled and approved applicators.

MAINTENANCE

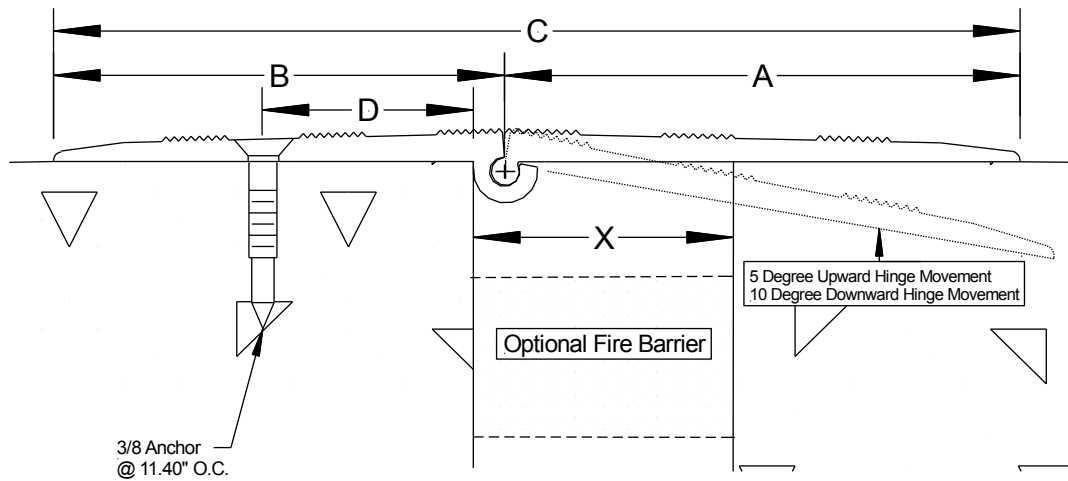
Iso-Flex PD Series Systems may be easily repaired while in service using methods recommended by the manufacturer.

PRECAUTIONS

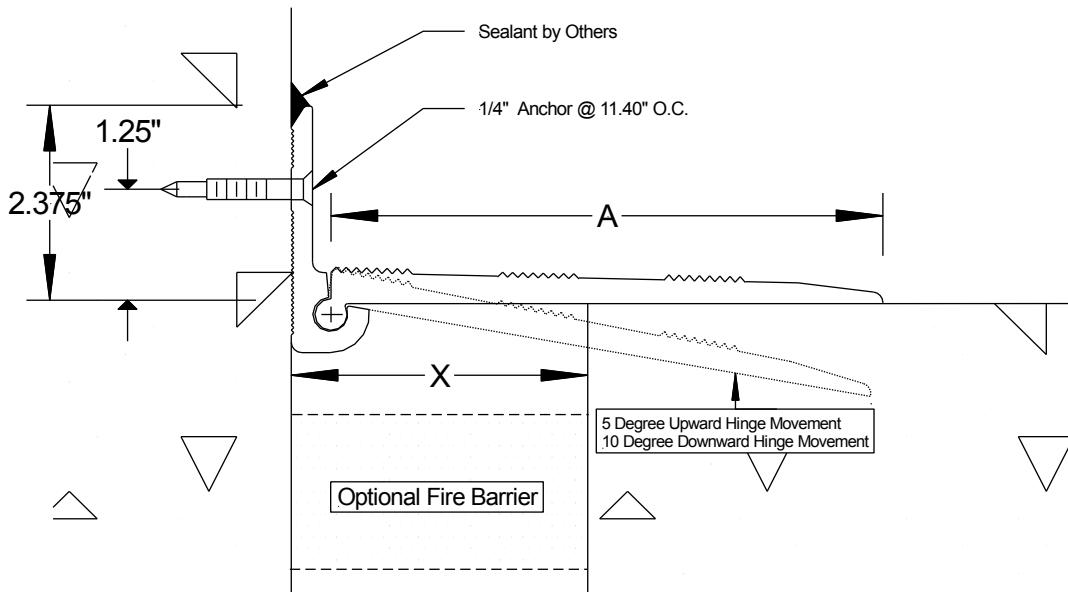
To ensure safe installation of the Iso-Flex PD Series System, please refer to the Material Safety Data Sheets (MSDS) that accompany each product shipment.

WARRANTY

LymTal warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.



PD Series: Floor-to Floor



PD-W Series: Floor-to Wall

| SYSTEM TYPE | MOVEMENT RANGE | JOINT OPENING SIZE (X) | | | SYSTEM DIMENSIONS | | | |
|-------------|----------------|------------------------|----------------|----------------|-------------------|----------------|----------------|---------------|
| | | Minimum (x) | Nominal (x) | Maximum (x) | A | B | C | D |
| PD8 | 2.000 | 1.000 | 2.000 | 3.000 | 3.500 | 4.500 | 8.000 | 2.500 |
| | <i>50.800</i> | <i>25.400</i> | <i>50.800</i> | <i>76.200</i> | <i>88.900</i> | <i>114.300</i> | <i>203.201</i> | <i>63.500</i> |
| PD13 | 5.000 | 1.000 | 3.000 | 6.000 | 6.500 | 6.500 | 13.000 | 3.000 |
| | <i>127.001</i> | <i>25.400</i> | <i>76.200</i> | <i>152.401</i> | <i>165.101</i> | <i>165.101</i> | <i>330.201</i> | <i>76.200</i> |
| PD13HD | 5.000 | 1.000 | 3.000 | 6.000 | 6.500 | 4.000 | 10.500 | 2.000 |
| | <i>127.001</i> | <i>25.400</i> | <i>76.200</i> | <i>152.401</i> | <i>165.101</i> | <i>101.600</i> | <i>266.701</i> | <i>50.800</i> |
| PD16 | 8.000 | 1.000 | 4.000 | 9.000 | 9.750 | 6.500 | 13.000 | 3.000 |
| | <i>203.201</i> | <i>25.400</i> | <i>101.600</i> | <i>228.601</i> | <i>247.651</i> | <i>165.101</i> | <i>330.201</i> | <i>76.200</i> |
| PD13W | 5.000 | 1.000 | 3.000 | 6.000 | 6.500 | | | |
| | <i>127.001</i> | <i>25.400</i> | <i>76.200</i> | <i>152.401</i> | <i>165.101</i> | | | |
| PD16W | 8.000 | 1.000 | 4.000 | 9.000 | 9.750 | | | |
| | <i>203.201</i> | <i>25.400</i> | <i>101.600</i> | <i>228.601</i> | <i>247.651</i> | | | |

Note: Bold numbers are in inches and italicized numbers are in millimeters.

Rev. 0118

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