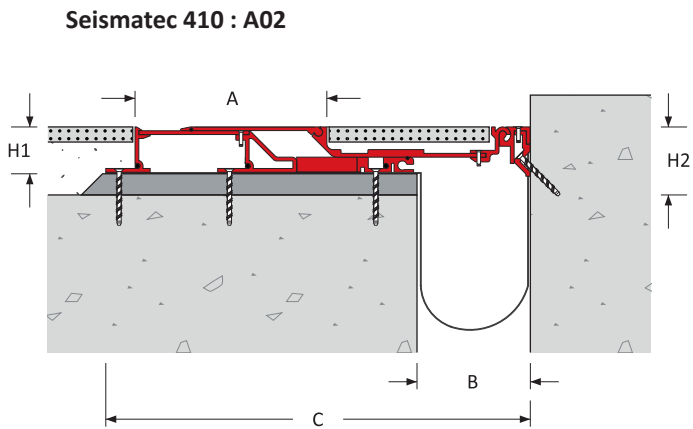
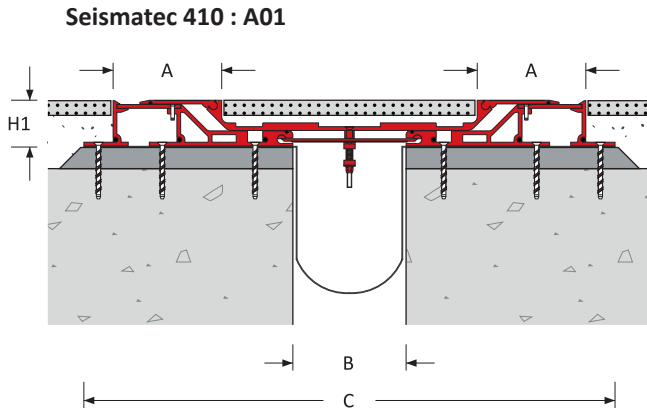


## SEISMIC EXPANSION JOINT

Floor to Floor | Floor to Wall  
100 - 500 mm ( 4 - 20" ) Expansion Gaps

# Seismatec 410 : A01-A02



### Expansion Joint Selection Criteria

### Load Rating

### Product Details

| Joint Location | Gap Width B (mm) | Movement Capacity (mm) |         | Eurocode Rating |         |       |       | Product Dimensions |    | Sightline A (mm) | Blockout C (mm) | Product Number   |
|----------------|------------------|------------------------|---------|-----------------|---------|-------|-------|--------------------|----|------------------|-----------------|------------------|
|                |                  | Thermal ±              | [Total] | Seismic ±       | [Total] |       |       |                    |    |                  |                 |                  |
| Floor – Floor  | 100              | ± 50                   | [100]   | ±50.0           | [100]   | 10 kN | 46 kN | 50:60              | -  | 130              | 625             | 410-A01-100-(H1) |
|                | 150              |                        |         | ±75.0           | [150]   |       |       |                    |    | 144              | 703             | 410-A01-150-(H1) |
|                | 200              |                        |         | ±100            | [200]   |       |       |                    |    | 165              | 794             | 410-A01-200-(H1) |
|                | 250              |                        |         | ±125            | [250]   |       |       |                    |    | 190              | 937             | 410-A01-250-(H1) |
|                | 300              |                        |         | ±150            | [300]   |       |       |                    |    | 214              | 1036            | 410-A01-300-(H1) |
|                | 400              |                        |         | ±200            | [400]   |       |       |                    |    | 264              | 1344            | 410-A01-400-(H1) |
|                | 500              |                        |         | ±250            | [500]   |       |       |                    |    | 313              | 1590            | 410-A01-500-(H1) |
| Floor – Wall   | 100              | ± 50                   | [100]   | ±50.0           | [100]   | 10 kN | 46 kN | 50:60              | 66 | 214              | 462             | 410-A02-100-(H1) |
|                | 150              |                        |         | ±75.0           | [150]   |       |       |                    |    | 254              | 564             | 410-A02-150-(H1) |
|                | 200              |                        |         | ±100            | [200]   |       |       |                    |    | 329              | 702             | 410-A02-200-(H1) |
|                | 250              |                        |         | ±125            | [250]   |       |       |                    |    | 354              | 802             | 410-A02-250-(H1) |
|                | 300              |                        |         | ±150            | [300]   |       |       |                    |    | 404              | 932             | 410-A02-300-(H1) |
|                | 400              |                        |         | ±200            | [400]   |       |       |                    |    | 504              | 1182            | 410-A02-400-(H1) |
|                | 500              |                        |         | ±250            | [500]   |       |       |                    |    | 604              | 1432            | 410-A02-500-(H1) |

- a. 50mm deep systems are only suitable for the installation of 10mm deep paving within the central pan
- b. 60mm deep systems are suitable for the installation of paving up to 20mm deep within the central pan

## Seismatec 410 : A01-A02

### Features

#### Surface

Smooth transit central pan system.

During a seismic event the central pan lifts and the winged side frames rotate to provide safe egress to people with mobility difficulties.

Fully Americans with Disabilities Act (ADA) compliant across the entire movement cycle

#### Movement

Seismic movement capacity

ASTM E-1399 Class I: Thermal

Class II: Wind

Class III: Seismic

Thermal & Wind movement: +/-50mm

Seismic movement: +/-50% of expansion gap width

### Traffic Frequency per day

|   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| > 25,000  | ≤ 1,000   | ≤ 1,000   | ≤ 100   | -   |

### System Options

|                         |   |
|-------------------------|---|
| Gap width(s)            | 100, 150, 200, 250,<br>300, 400, 500 mm |
| Height(s)               | 50, 60 mm                               |
| Metal type(s)           | Aluminium                               |
| Seal colour(s)          | NA                                      |
| Fire barrier            | 120-240 minutes                         |
| Waterproofing           | Waterproofing membrane                  |
| Pre-assembly in factory | Contact Vexcolt Europe                  |



### APPLICATIONS

Airport Terminals | Educational | Exhibition Centres  
 Department Stores | Distribution & Retail Warehouses  
 Factories | Hospitals | Museums | Offices & Hotels  
 Parking | Places of Worship | Residential Buildings  
 Rail, Metros & Elevated Rail Stations | Roads & Bridges  
 Shopping Centres | Sports Stadiums | Supermarkets