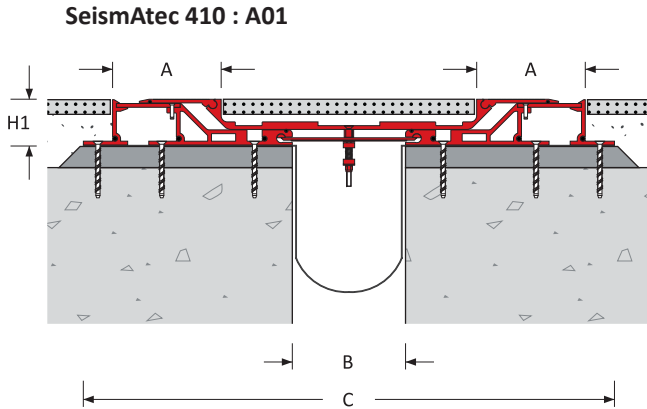


SEISMIC EXPANSION JOINT

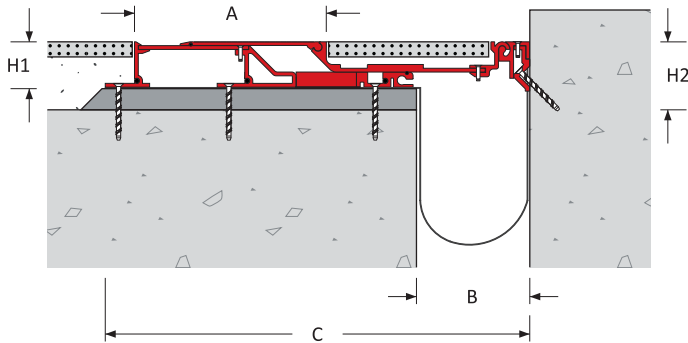
Floor to Floor | Floor to Wall

100 - 500 mm (4 - 20") Expansion Gaps

SeismAtec 410 : A01-A02



SeismAtec 410 : A01



SeismAtec 410 : 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] | | | | Height H1(mm) | | | |
| 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, 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 |



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