

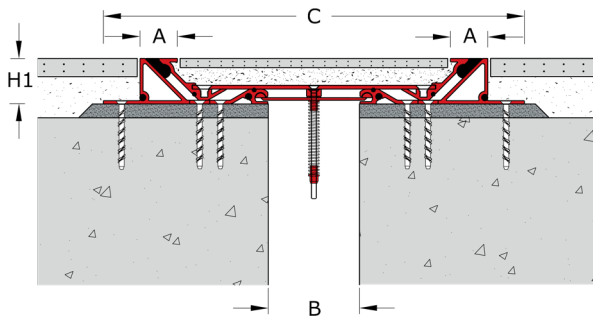
## SEISMIC EXPANSION JOINT

Floor to Floor | Floor to Wall

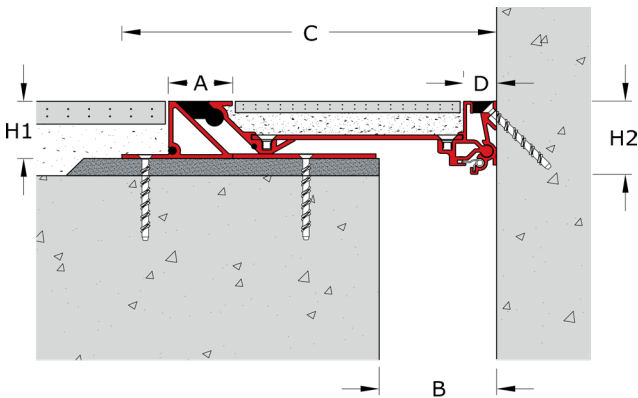
50 - 500 mm ( 2 - 20" ) Expansion Gaps

# SeismAtec 450 : A01-A02

SeismAtec 450 : A01



SeismAtec 450 : A02



### Expansion Joint Selection Criteria

### Load Rating

### Product Details

Joint Location	Gap Width B (mm)	Movement Capacity (mm)		Eurocode Rating				Product Dimensions				Product Number			
		Thermal ±	[Total]	Seismic ±	[Total]					Height			Sightline		Blockout C (mm)
										H1 (mm)	H2 (mm)	A (mm)	D (mm)		
Floor - Floor	50	±25	[50]	±25	[50]	20 kN	69 kN	30 kN	-	50	-	41	-	387	450-A01-050-050
	75			±38	[75]									425	450-A01-075-050
	100			±50	[100]									461	450-A01-100-050
	150			±75	[150]	536	450-A01-150-050								
	200			±100	[200]	612	450-A01-200-050								
	250			±125	[250]	687	450-A01-250-050								
	300			±150	[300]	763	450-A01-300-050								
	400			±200	[400]	911	450-A01-400-050								
	500			±250	[500]	1063	450-A01-500-050								
Floor - Wall	50	±25	[50]	±25	[50]	20 kN	69 kN	30 kN	-	50	64	54	28	212	450-A02-050-050
	75			±38	[75]									282	450-A02-075-050
	100			±50	[100]									319	450-A02-100-050
	150			±75.0	[150]	394	450-A02-150-050								
	200			±100	[200]	469	450-A02-200-050								
	250			±125	[250]	544	450-A02-250-050								
	300			±150	[300]	619	450-A02-300-050								
	400			±200	[400]	769	450-A02-400-050								
	500			±300	[500]	923	450-A02-500-050								

Sealant and backer rod by other

## Features

### Surface

Smooth transit central pan system

### Movement

Seismic movement capacity

ASTM E-1399 Class I: Thermal

Class II: Wind

Class III: Seismic

Thermal & Wind movement: +/-25.0mm

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

## Traffic Frequency per day



> 25,000

≤ 1,000

≤ 1,000

≤ 100

-

## System Options

Gap width(s) 50, 75, 100, 150, 200, 250,  
300, 400, 500 mm

Height(s) 50 mm

Metal type(s) 6063 T5 & T6 Aluminium

Fire barrier 120 minutes

Waterproofing Waterproofing membrane

Pre-assembly in factory Contact Vexcolt

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## 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