

SEISMIC EXPANSION JOINT

Floor to Floor | Floor to Wall
50 - 500 mm (2 - 20") Expansion Gaps

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, 60 mm
Metal type(s)	6063 T5 & 6063 T6 aluminium
Seal colour(s)	Black (RAL 7021) Grey (RAL 7038) Beige (RAL 1015)
Fire barrier	120-240 minutes
Waterproofing	Waterproofing membrane
Pre-assembly in factory	Contact Vexcolt

Seismatec 440 : A01-A02



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

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Expansion Joint Selection Criteria

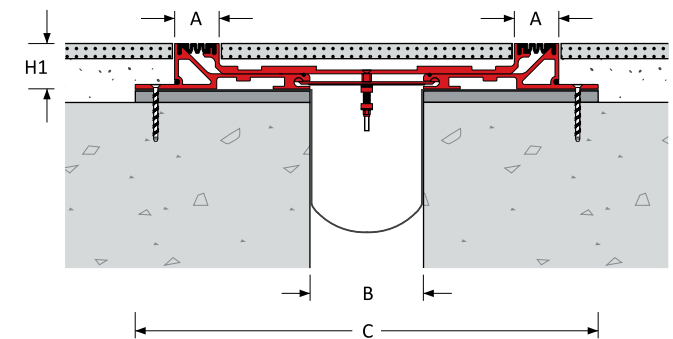
Load Rating

Product Details

Joint Location	Gap Width B (mm)	Movement Capacity (mm)				Eurocode Rating				Product Dimensions				Product Number
		Thermal		Seismic						Height		Sightline A (mm)	Blockout C (mm)	
±	[Total]	±	[Total]	H1 (mm)	H2 (mm)									
Floor - Floor	50	± 25.0	[50]	±25.0	[50]	20 kN	69 kN	30 kN	50: 60	-	59	511	440-A01-050-(H1)	
	75			±37.5	[75]							536	440-A01-075-(H1)	
	100			±50.0	[100]							561	440-A01-100-(H1)	
	150			±75.0	[150]	611	440-A01-150-(H1)							
	200			±100	[200]	661	440-A01-200-(H1)							
	250			±125	[250]	715	440-A01-250-(H1)							
	300			±150	[300]	928	440-A01-300-(H1)							
	400			±200	[400]	1028	440-A01-400-(H1)							
	500			±250	[500]	1128	440-A01-500-(H1)							
Floor - Wall	50	± 25.0	[50]	±25.0	[50]	20 kN	69 kN	30 kN	50: 60	74	71	343	440-A02-050-(H1)	
	75			±37.5	[75]							346	440-A02-075-(H1)	
	100			±50.0	[100]							363	440-A02-100-(H1)	
	150			±75.0	[150]	407	440-A02-150-(H1)							
	200			±100	[200]	506	440-A02-200-(H1)							
	250			±125	[250]	557	440-A02-250-(H1)							
	300			±150	[300]	657	440-A02-300-(H1)							
	400			±200	[400]	807	440-A02-400-(H1)							
	500			±250	[500]	957	440-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 440 : A01



Seismatec 440 : A02

