

SEISMIC EXPANSION JOINT

Floor to Floor | Floor to Wall

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

Seismatec 440 : A01-A02

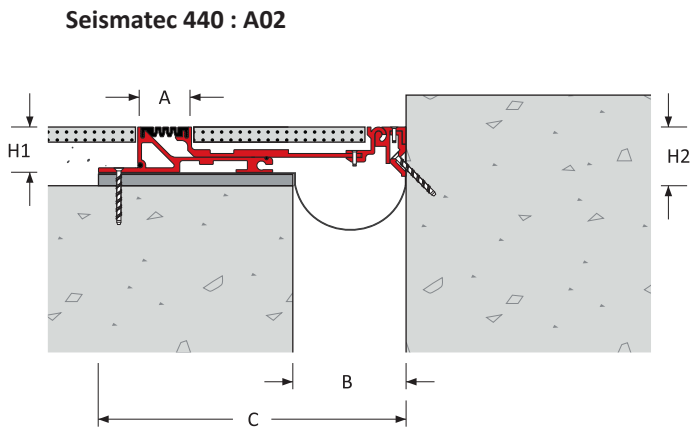
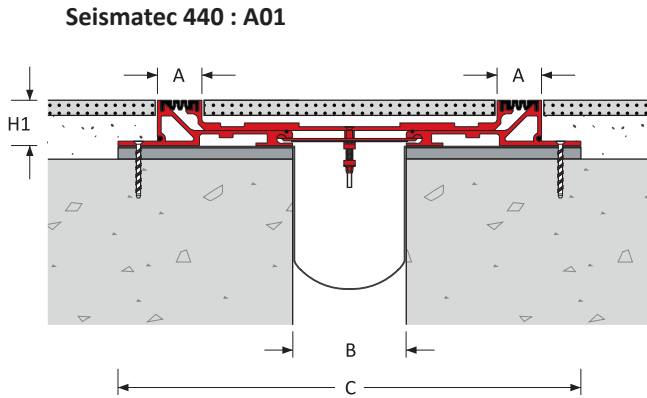
Expansion Joint Selection Criteria

Load Rating

Product Details

Joint Location	Gap Width B (mm)	Movement Capacity (mm)		Eurocode Rating				Product Dimensions			Product Number		
		Thermal ±	[Total]	Seismic ±	[Total]					Height H1 (mm)		Height H2 (mm)	Sightline A (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]	10 kN	46 kN	661				440-A01-200-(H1)	
	250			±125	[250]			715				440-A01-250-(H1)	
	300			±150	[300]	5 kN	36 kN	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]	10 kN	46 kN					407	440-A02-150-(H1)
	200			±100	[200]							506	440-A02-200-(H1)
	250			±125	[250]	5 kN	36 kN					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



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)	Aluminium
Seal colour(s)	Black, Grey, Stone
Fire barrier	120-240 minutes
Waterproofing	Waterproofing membrane
Pre-assembly in factory	Contact Vexcolt Europe



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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