

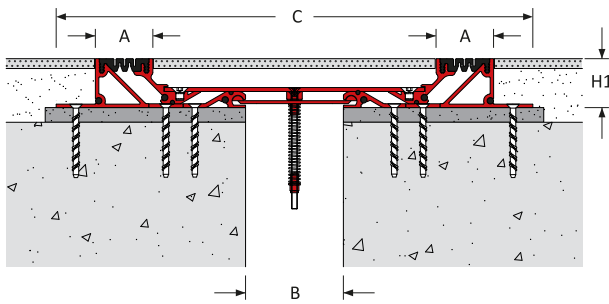
SEISMIC EXPANSION JOINT

Floor to Floor | Floor to Wall

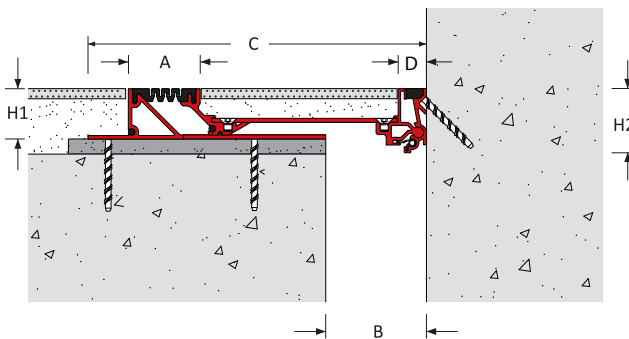
50 - 500 mm (2 - 20") Expansion Gaps

SeismAtec 440 : A01-A02

SeismAtec 440 : A01



SeismAtec 440 : 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		Seismic						Height		Sightline	Sightline	Blockout	
		±	[Total]	±	[Total]					H1 (mm)	H2 (mm)	A (mm)	D (mm)	C (mm)	
Floor - Floor	50	± 25	[50]	±25	[50]	20 kN	69 kN	30 kN	-	50	-	59	-	437	440-A01-050-(H1)
	75				[75]									462	440-A01-075-(H1)
	100			±50	[100]									487	440-A01-100-(H1)
	150			±75	[150]		561							440-A01-150-(H1)	
	200			±100	[200]	10 kN	46 kN							637	440-A01-200-(H1)
	250			±125	[250]									712	440-A01-250-(H1)
	300			±150	[300]									787	440-A01-300-(H1)
	400			±200	[400]	5 kN	36 kN							937	440-A01-400-(H1)
	500			±250	[500]									1087	440-A01-500-(H1)
Floor - Wall	50	± 25	[50]	±25	[50]	20 kN	69 kN	30 kN	-	50	64	71	28	281	440-A02-050-(H1)
	75				[75]									318	440-A02-075-(H1)
	100			±50	[100]									336	440-A02-100-(H1)
	150			±75	[150]		411							440-A02-150-(H1)	
	200			±100	[200]	10 kN	46 kN							486	440-A02-200-(H1)
	250			±125	[250]									561	440-A02-250-(H1)
	300			±150	[300]									636	440-A02-300-(H1)
	400			±200	[400]	5 kN	36 kN							786	440-A02-400-(H1)
	500			±250	[500]									936	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 mm

Metal type(s) 6063 T5 & T6 Aluminium

Seal colour(s) Black (RAL 7021)

Grey (RAL 7038)

Beige (RAL 1015)

Fire barrier 120 minutes

Waterproofing Waterproofing membrane

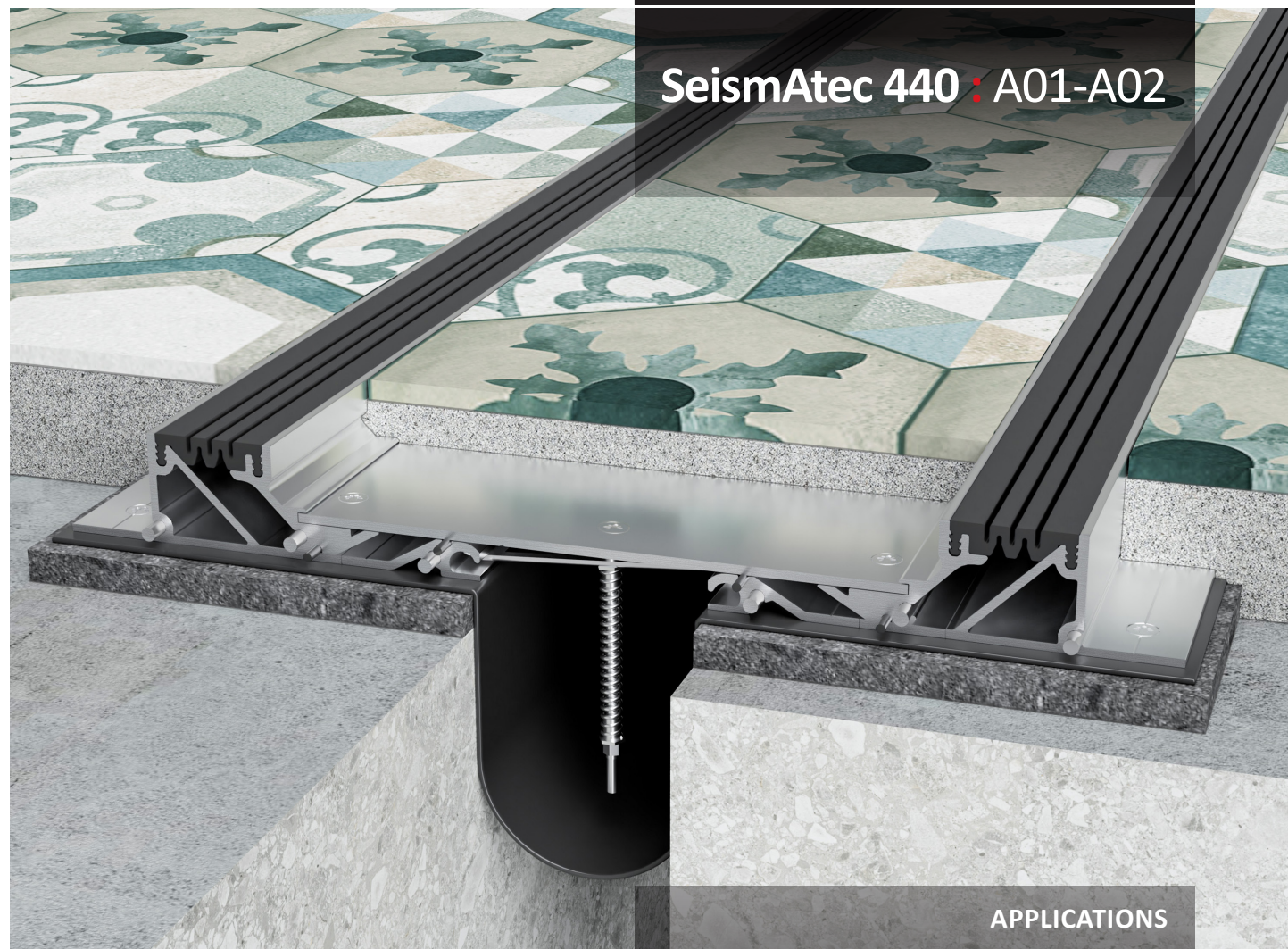
Pre-assembly in factory Contact Vexcolt

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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