METAL EXPANSION JOINT

Floor to Floor | Floor to Wall

25 - 250 mm (1 - 10") Expansion Gaps

Megatec 300 : A01-A02

Features

Surface

Smooth transit

Hairline serrated surface for improved slip resistance

Americans with Disabilities Act (ADA) compliant across the entire movement cycle

Movement

High movement capacity

ASTM E-1399 Class I: Thermal

Class II: Wind

Traffic Frequency per day

> 25,000	≤ 1,000	≤ 1,000	≤ 1,000	≤ 10

System Options

Gap width(s)	25, 50, 75, 100, 125, 150, 200, 250 mm
Height(s)	25, 35, 50, 75 mm
Metal type(s)	6063 T5 & T6 Aluminium
Seal colour(s)	No seal used
Fire barrier	120-240 minutes
Waterproofing	Moisture barrier
Pre-assembly in factory	Contact Vexcolt

CENTRE SUPPORTED ADA COMPLIANT ACCESS FOR ALL

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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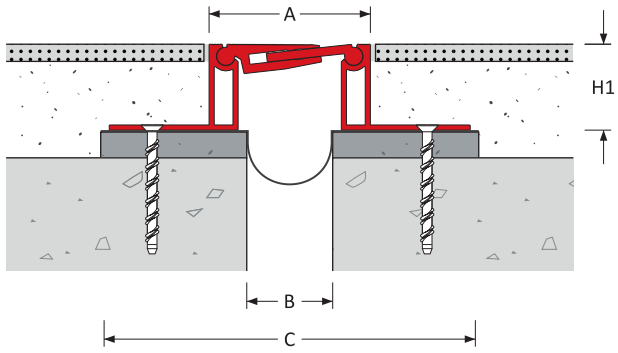
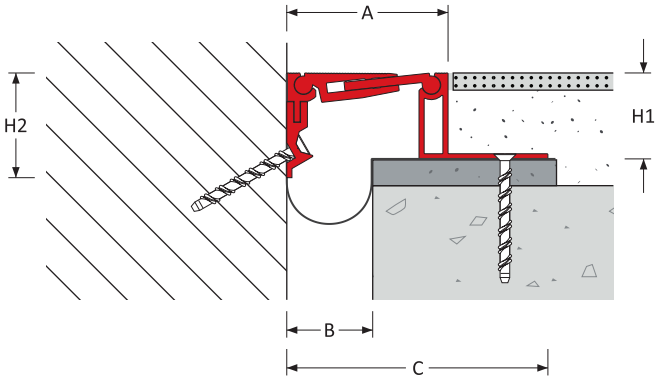
Megatec 300 : A01-A02

Expansion Joint Selection Criteria **Load Rating** **Product Details**

Joint Location	Gap Width B (mm)	Movement Capacity (mm) ±	[Total]	Eurocode Rating				Product Dimensions Height H1 (mm)	Height H2 (mm)	Sightline A (mm)	Blockout C (mm)	Product Number
Floor - Floor	25	± 5	[10]	10 kN	190 kN	30 kN	600 kN	25: 35: 50: 75	70	69	165	300-A01-025-(H1)
	50	± 12	[24]		69 kN					94	190	300-A01-050-(H1)
	75	± 24	[48]		46 kN		300 kN			119	215	300-A01-075-(H1)
	100	± 25	[50]					35: 50: 75	112	156	258	300-A01-100-(H1)
	125	± 30	[60]							181	283	300-A01-125-(H1)
	150	± 40	[80]							206	308	300-A01-150-(H1)
	200	±50	[100]							256	358	300-A01-200-(H1)
	250	±70	[140]		31kN		200kN			306	408	300-A01-250-(H1)
Floor - Wall	25	± 5	[10]	10 kN	190 kN	30 kN	600 kN	25: 35: 50: 75	70	69	117	300-A02-025-(H1)
	50	± 10	[20]		69 kN					94	142	300-A02-050-(H1)
	75	± 20	[40]		46 kN		300 kN			119	167	300-A02-075-(H1)
	100	± 25	[50]					35: 50: 75	112	156	207	300-A02-100-(H1)
	125	± 30	[60]							181	232	300-A02-125-(H1)
	150	± 40	[80]							206	257	300-A02-150-(H1)
	200	±50	[100]							256	307	300-A02-200-(H1)
	250	±70	[140]		31kN		200kN			306	357	300-A02-250-(H1)

When specifying or ordering please add the **height (H1)** required to the Product Reference.
For example Megatec 300 : A01-075-050 denotes a joint 50mm high.

Megatec 300 : A01



Megatec 300 : A02