

METAL EXPANSION JOINT

Floor to Floor | Floor to Wall

25 - 300 mm (1 - 12") Expansion Gaps

Megatec 340 : SS01-SS02

Features

Surface

Smooth transit

80-grit surface finish to stainless steel for improved slip resistance

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

Movement

Seismic movement capacity

ASTM E-1399 Class I: Thermal

Class II: Wind

Class III: Seismic

Traffic Frequency per day



> 25,000

≤ 1,000

≤ 1,000

≤ 1,000

≤ 100

System Options

Gap width(s) 25, 50, 75, 100, 150, 200, 250, 300 mm

Height(s) 41, 53, 73 mm

Metal type(s): *Top Plates:* 304-grade Stainless Steel
Optional 316-grade

Sub-structure: 6063 T5 & 6063 T6 aluminium

Colour(s) None

Fire barrier 120-240 minutes

Waterproofing Waterproofing membrane

Pre-assembly in factory Contact Vexcolt

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
		±	[Total]	Forklift	Tractor	Truck	Height		Sightline A (mm)	Blockout C (mm)		
							H1 (mm)	H2 (mm)				
Floor - Floor	25	± 12	[25]	20 kN	190 kN	30 kN	300 kN	28: 41: 53	-	126	190	340-SS01-025-(H1)
	50	± 25	[50]	10 kN	100 kN					139	203	340-SS01-050-(H1)
	75	± 37	[75]	46 kN	200 kN					187	242	340-SS01-075-(H1)
	100	± 50	[100]	5 kN	31 kN	120 kN	216			280	340-SS01-100-(H1)	
	150	± 75	[150]		-	-	308			372	340-SS01-150-(H1)	
	200	± 100	[200]	-	-	-	408			472	340-SS01-200-(H1)	
	250	± 125	[250]	-	-	-	522			586	340-SS01-250-(H1)	
	300	± 150	[300]	-	-	-	622			686	340-SS01-300-(H1)	
Floor - Wall	25	± 12	[25]	20 kN	190 kN	30 kN	300 kN	28: 41: 53	70	118	150	340-SS02-025-(H1)
	50	± 25	[50]	10 kN	100 kN					141	173	340-SS02-050-(H1)
	75	± 37	[75]	46 kN	200 kN					188	220	340-SS02-075-(H1)
	100	± 50	[100]	5 kN	31 kN	120 kN	226			258	340-SS02-100-(H1)	
	150	± 75	[150]		-	-	298			330	340-SS02-150-(H1)	
	200	± 100	[200]	-	-	-	373			405	340-SS02-200-(H1)	
	250	± 125	[250]	-	-	-	448			480	340-SS02-250-(H1)	
	300	± 150	[300]	-	-	-	523			555	340-SS02-300-(H1)	

When specifying or ordering please add the **height (H1)** required to the Product Reference.
 For example Megatec 340 : SS1-100-041 denotes a joint 41mm high.

