

METAL EXPANSION JOINT

Floor to Floor | Floor to Wall

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

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)	28, 41, 53 mm
Metal type(s):	<i>Top Plates:</i> 304-grade Stainless Steel Optional 316-grade
	<i>Sub-structure:</i> 6063 T5 & 6063 T6 aluminium
Colour(s)	None
Fire barrier	120-240 minutes
Waterproofing	Waterproofing membrane
Pre-assembly in factory	Contact Vexcolt

Megatec 340 : SS01-SS02



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]					Height		Sightline	Blockout			
				H1 (mm)	H2 (mm)	A (mm)	C (mm)							
Floor - Floor	25	± 12	[25]	20 kN	190 kN	10 kN	300 kN	28: 41: 53	-	126	190	340-SS01-025-(H1)		
	50	± 25	[50]	100 kN	139					203	340-SS01-050-(H1)			
	75	± 37	[75]	46 kN	187					242	340-SS01-075-(H1)			
	100	± 50	[100]	31 kN	216					280	340-SS01-100-(H1)			
	150	± 75	[150]	5 kN	-	30 kN	120 kN			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	10 kN	300 kN	28: 41: 53	70	118	150	340-SS02-025-(H1)		
	50	± 25	[50]	100 kN	141					173	340-SS02-050-(H1)			
	75	± 37	[75]	46 kN	188					220	340-SS02-075-(H1)			
	100	± 50	[100]	31 kN	226					258	340-SS02-100-(H1)			
	150	± 75	[150]	5 kN	-	30 kN	120 kN			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.

Megatec 340 : SS01

