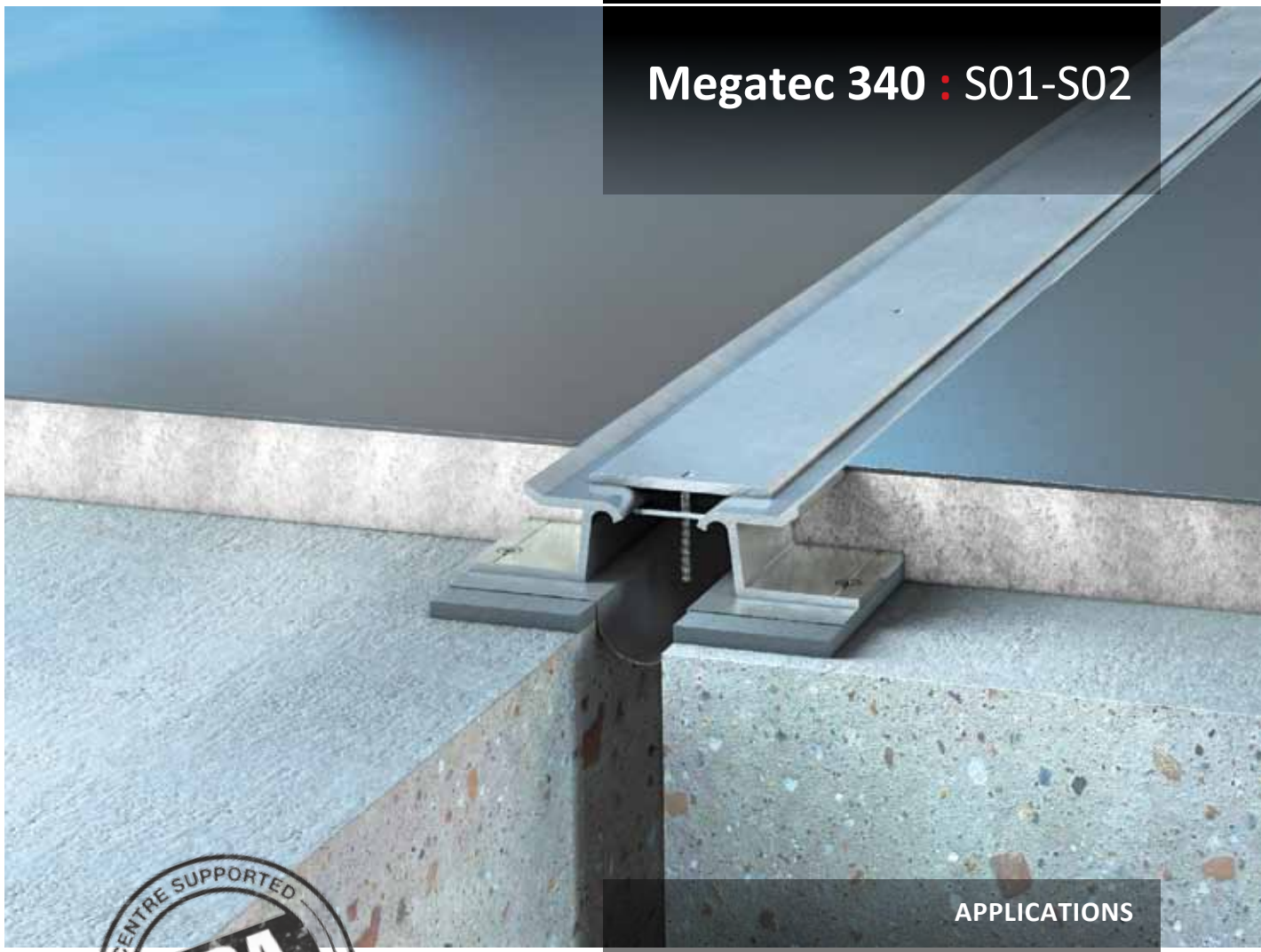
METAL EXPANSION JOINT

Floor to Floor

25 - 300 mm (1 - 12”) Expansion Gaps

Megatec 340 : S01-S02



Features

Surface

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)	25, 38, 50 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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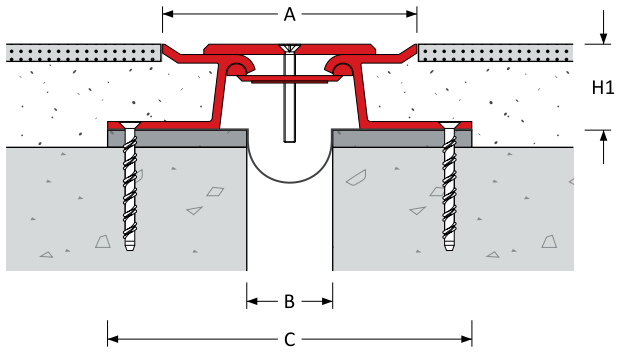
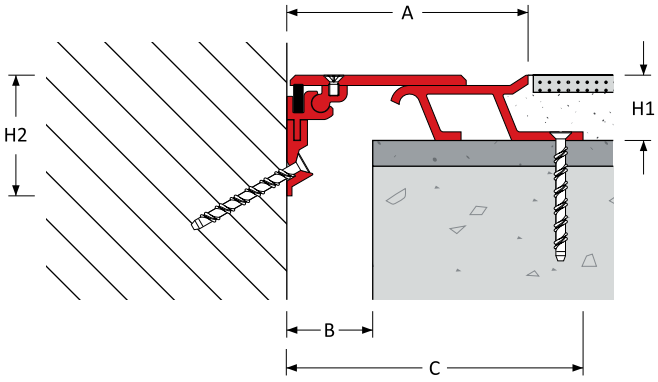
Megatec 340 : S01-S02

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

Joint Location	Gap Width B (mm)	Movement Capacity (mm) ±	Movement Capacity (mm) [Total]	Eurocode Rating				Product Dimensions Height H1 (mm)	Product Dimensions Height H2 (mm)	Sightline A (mm)	Blockout C (mm)	Product Number
Floor - Floor	25	± 12	[25]	20 kN	190 kN	30 kN	300 kN	25: 38: 50	-	126	190	340-S01-025-(H1)
	50	± 25	[50]	10 kN	100 kN					139	203	340-S01-050-(H1)
	75	± 37	[75]		46 kN		200 kN			187	242	340-S01-075-(H1)
	100	± 50	[100]	5 kN	31 kN		120 kN			216	280	340-S01-100-(H1)
	150	± 75	[150]		-		-			308	372	340-S01-150-(H1)
	200	± 100	[200]							408	472	340-S01-200-(H1)
	250	± 125	[250]	-						522	586	340-S01-250-(H1)
	300	± 150	[300]							622	686	340-S01-300-(H1)
Floor - Wall	25	± 12	[25]	20 kN	190 kN	30 kN	300 kN	25: 38: 50	70	118	150	340-S02-025-(H1)
	50	± 25	[50]	10 kN	100 kN					141	173	340-S02-050-(H1)
	75	± 37	[75]		46 kN		200 kN			188	220	340-S02-075-(H1)
	100	± 50	[100]	5 kN	31 kN		120 kN			226	258	340-S02-100-(H1)
	150	± 75	[150]		-		-			298	330	340-S02-150-(H1)
	200	± 100	[200]							373	405	340-S02-200-(H1)
	250	± 125	[250]	-						448	480	340-S02-250-(H1)
	300	± 150	[300]							523	555	340-S02-300-(H1)

When specifying or ordering please add the **height (H1)** required to the Product Reference.
For example Megatec 340 : S01-100-038 denotes a joint 38mm high.

Megatec 340 : S01



Megatec 340 : S02