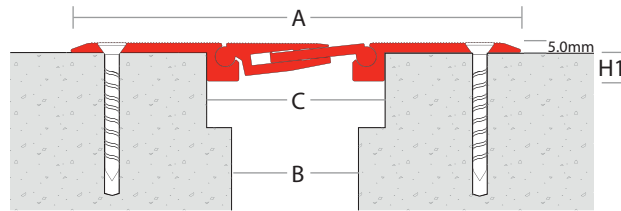
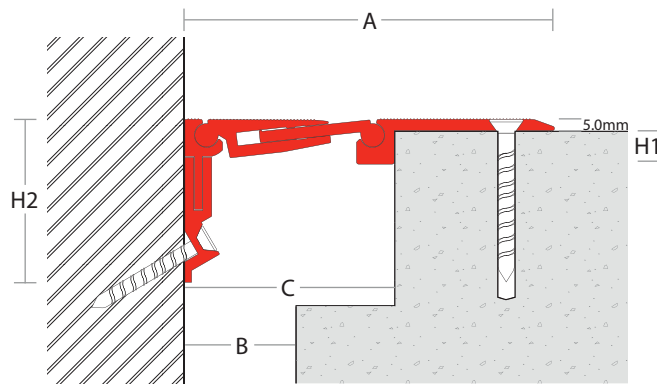


METAL EXPANSION JOINT  
 FLOOR TO FLOOR | FLOOR TO WALL  
 25-125mm (1-5") EXPANSION GAPS

## MegAtec 320 : A01-A02



MegAtec 320-A01-050-16



MegAtec 320-A02-050-16

### Expansion Joint Selection Criteria

Joint Location	Gap Width B (mm)	Movement Capacity (mm)		Eurocode Load Rating Total Load kN		Product Dimensions				Product Number
		± mm	[Total] mm	Forklift Truck	Road Transport	Height H1 (mm)	H2 (mm)	Sightline A (mm)	Blockout C (mm)	
Floor - Floor	25	± 5	[10]	69 kN	Group 4 300 kN	15	-	213	69	320-A01-025-(H1)
	50	± 10	[20]					235	94	320-A01-050-(H1)
	75	± 15	[30]					263	119	320-A01-075-(H1)
	100	± 20	[40]	46 kN	Group 2 120 kN			288	144	320-A01-100-(H1)
	125	± 30	[60]					313	169	320-A01-125-(H1)
Floor - Wall	25	± 5	[10]	69 kN	Group 4 300 kN	15	73	140	69	320-A02-025-(H1)
	50	± 10	[20]					166	94	320-A02-050-(H1)
	75	± 15	[30]					190	119	320-A02-075-(H1)
	100	± 20	[40]	46 kN	Group 2 120 kN			216	144	320-A02-100-(H1)
	125	± 30	[60]					241	169	320-A02-125-(H1)

1. Gap width indicates the nominal expansion gap width before movement occurs
2. + mm indicates that the expansion gap is opening and - mm indicates that the expansion gap is closing
3. [Total] shows the total movement range of the joint from fully open to fully closed
4. Eurocode Load Rating denotes the maximum laden weight of pallet trucks and forklift trucks as defined within Eurocode EN-1991-1-1:2002. Road transport vehicles such as passenger and medium vehicles are also defined within EN-1991-1-1:2002, however heavy road transport vehicles this value is derived from EN-1991-2:2003 and the relevant National Annexes. \* Indicates that the joint is suitable only for infrequent use by designated vehicles.



METAL EXPANSION JOINT  
 FLOOR TO FLOOR | FLOOR TO WALL  
 25-125mm (1-5") EXPANSION GAPS

## MegAtec 320 : A01-A02



### Compatible with

<b>Concrete</b>	Concrete as a wearing surface Thin <1 mm floor coatings Resin Flooring Asphalt
<b>Hard finishes</b>	Ceramic Tiles Natural Stones Pre-polished terrazzo tiles Conglomerate paving
<b>Flexible Finishes</b>	Vinyl flooring

### Product Synopsis

<b>Location</b>	Internal floors
<b>Load &amp; traffic frequency</b>	Max vehicle load Group 4: 300 kN (=29.0 tonnes) ≤ 1.000 max vehicle transits per day ≥ 25.000 pedestrian transits per day
<b>Movement</b>	Multi-directional ± 30 mm (60mm) max. movement
<b>ASTM E-1399 Movement</b>	Class I: Thermal Class II: Wind sway

### System Options

<b>Gap width(s) mm</b>	25, 50, 75, 100, 125
<b>Profile height(s) mm</b>	15
<b>Metal type(s)</b>	6063 T5 & T6 aluminium
<b>Colour</b>	Mill finish aluminium
<b>Waterproofing</b>	Refer pp 72 - 76
<b>Fire barrier</b>	60-120-240 minutes - refer pp 86-88
<b>Pre-assembly in factory</b>	Contact Vexcolt

### Complementary systems

<b>Internal wall</b>	340-A07/A09
<b>External wall</b>	540-A07/A09

### APPLICATIONS

Exhibition Centres | Distribution & Retail Warehouses  
 Department Stores | Supermarkets | Educational  
 Residential | Factories | Parking | Roads & Bridges |  
 Offices & Hotels | Sports Stadiums | Airport Terminals  
 Rail, Metros & Elevated Rail Stations | Hospitals |  
 Museums | Places of worship | Shopping Centres

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