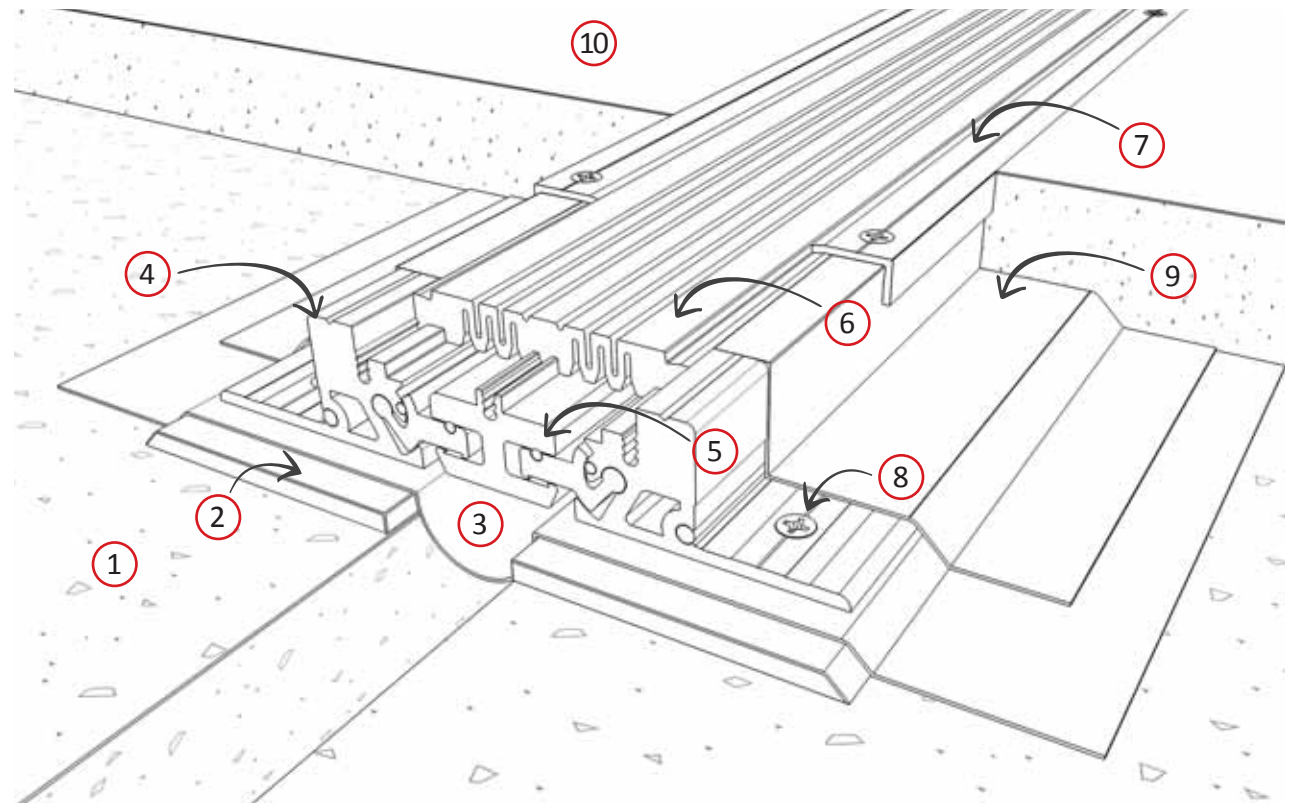


TransAtec

mechanical expansion joints for podiums, parking decks,
elevated roadways & other structures subject to vehicle loads

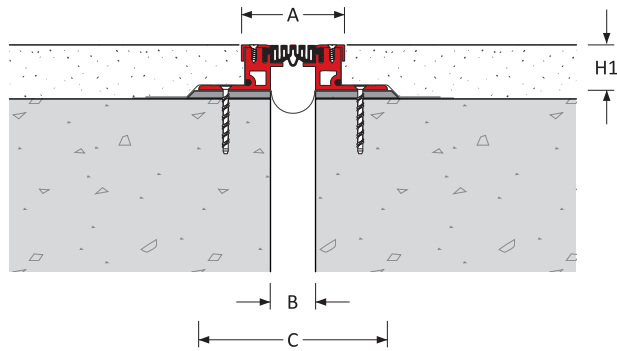
Typical Components

- (1) Concrete slab
- (2) High strength (>40N/mm²) levelling bed (by others)
- (3) 1.14mm thick waterproofing membrane epoxy bonded to the concrete slab and cross-linked to the membrane bonded to the faces of the expansion joint
- (4) Continuous aluminium frame
- (5) Continuous aluminium interlinking central aluminium frames
- (6) Central seal
- (7) Stainless steel surface
- (8) M8 x 75mm galvanise dipped, carbon steel, self-tapping concrete screws (or similar approved).
- (9) Secondary waterproofing bonded to frame and cross-bonded to the waterproofing membrane beneath the frame
- (10) Finishes



TransAtec 1100 : A01

TransAtec 1100 : A01



Expansion Joint Selection Criteria

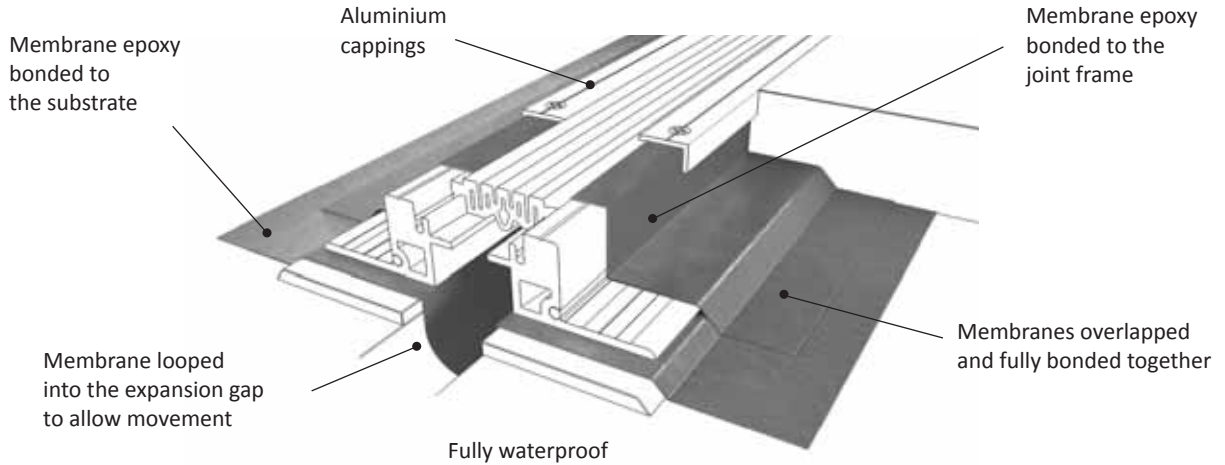
Load Rating

Product Details

Joint Location	Gap Width B(mm)	Movement Capacity (mm)		Eurocode Rating				Product Dimensions			Product Number	
		±	[Total]					Height H1 (mm)	H2 (mm)	Sightline A (mm)		Blockout C (mm)
Floor - Floor	25	+16/-8	[24]	5 kN	31 kN	30 kN	-	25:50	-	106	201	1100-A01-025-(H1)
	50	+25/-15	[40]							115	210	1100-A01-050-(H1)
	75	+35/-25	[60]					140	235	1100-A01-075-(H1)		
	100	+40/-30	[70]					50	165	259	1100-A01-100-(H1)	

When specifying or ordering please add the **height (H1)** required to the Product Reference. For example TransAtec 1100 : A01-050-025 denotes a joint 25mm high.

1100 : A01 and A02 joints have aluminium cappings as standard.



Features

Surface

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

Ribbed surface to TPE rubber for improved slip resistance

Movement

Good movement capacity

ASTM E-1399 Class I: Thermal

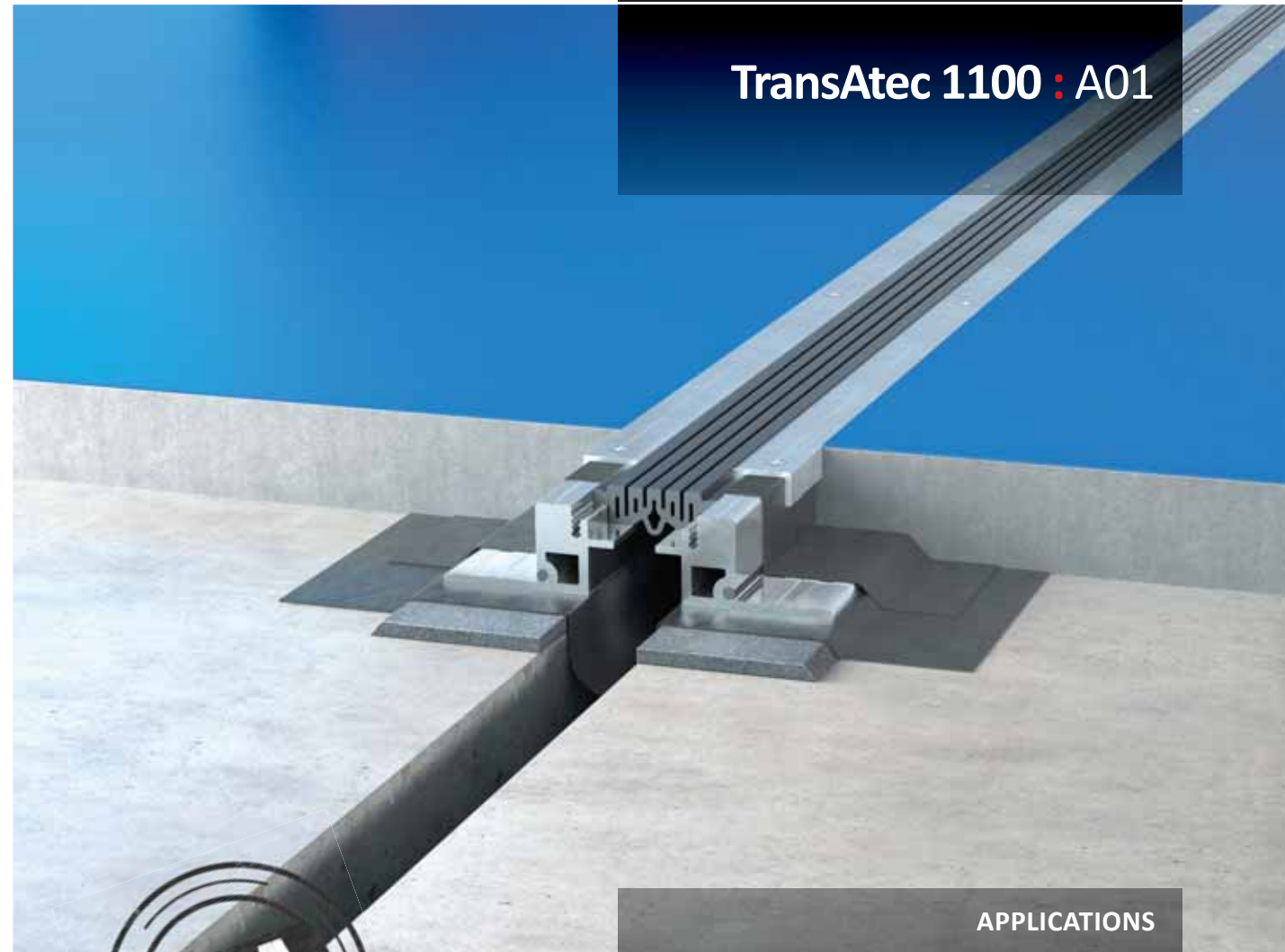
Class II: Wind

Traffic Frequency per day

				
> 25,000	≤ 100	≤ 100	> 25,000	-

System Options

Gap width(s)	25, 50, 75, 100 mm
Height(s)	25, 50 mm
Metal type(s):	Aluminium
Colour(s)	Black
Fire barrier	120-240 minutes
Waterproofing	Waterproofing membrane
Pre-assembly in factory	Contact Vexcolt



TransAtec 1100 : A01



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