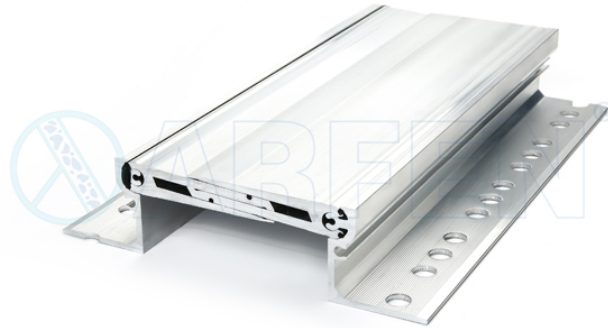


AR 823-101 SERIES DATA SHEET

Aluminium Expansion Joint Profile

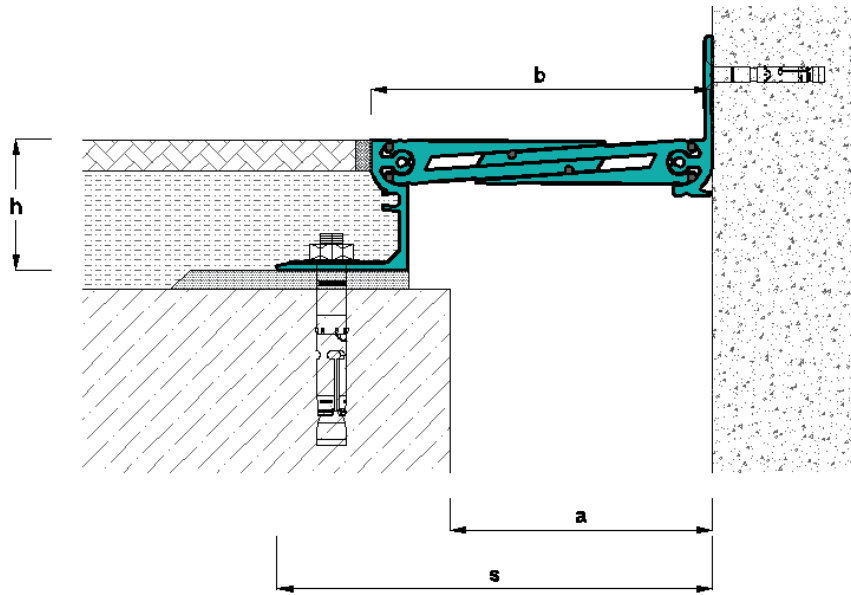
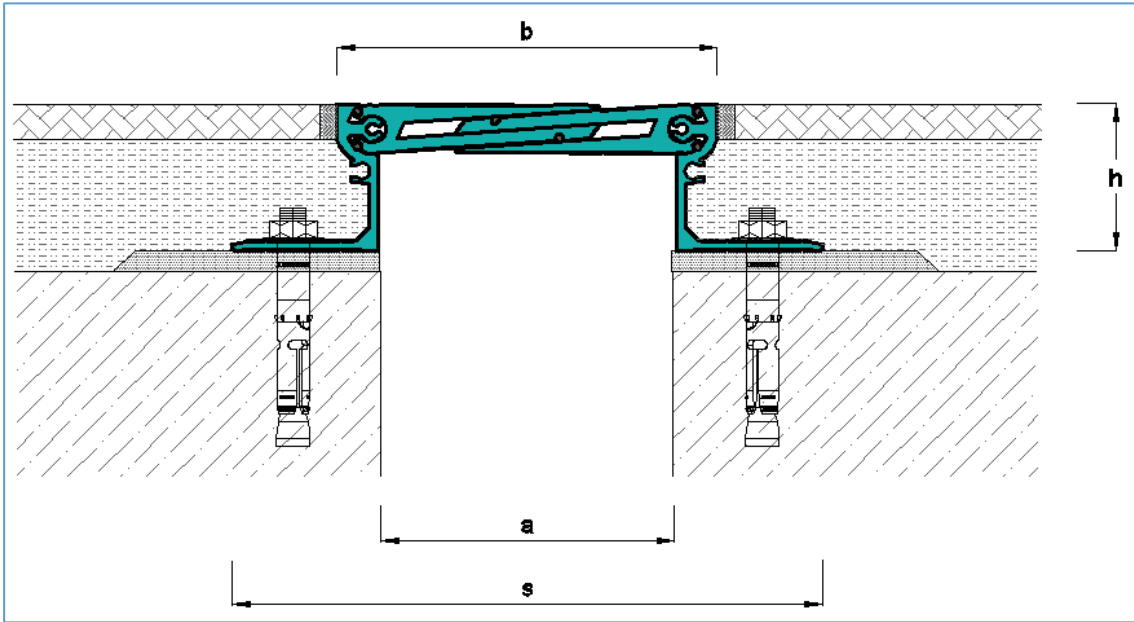
Floor

- Mill finish aluminium profile.
- TPE works as a sound absorber.
- Easy onsite installation.
- Ideal for industrial structural building, parking area, shopping malls ...etc.
- Ideal for thick finish tiles



- ❖ Profile length: 4 m
- ❖ For fire and water barriers installation, please ask for our technical advice.

Profile Code	Joint Width(a)	Total Movement	Top Surface Width(b)	Installation Depth(h)	Load Capacity	Block out width(s)
AR823-101	100mm	± 18mm	130mm	50mm	9 tones vehicle,3.5 tones forklift	200mm
AR823-101K	100mm	± 18mm	130mm	50mm	9 tones vehicle,3.5 tones forklift	170mm
AR824-101	100mm	± 18mm	130mm	60mm	9 tones vehicle,3.5 tones forklift	200mm
AR824-101K	100mm	± 18mm	130mm	60mm	9 tones vehicle,3.5 tones forklift	170mm
AR825-101	100mm	± 18mm	130mm	70mm	9 tones vehicle,3.5 tones forklift	200mm
AR825-101K	100mm	± 18mm	130mm	70mm	9 tones vehicle,3.5 tones forklift	170mm
AR827-101	100mm	± 18mm	130mm	90mm	9 tones vehicle,3.5 tones forklift	220mm
AR827-101K	100mm	± 18mm	130mm	90mm	9 tones vehicle,3.5 tones forklift	180mm



Aluminium Alloy 6063.T5 Chemical Properties

	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr
Standard of 6063T5	0.20 - 0.60	Max 0.35	Max 0.10	Max 0.10	0.45 - 0.90	Max 0.10	Max 0.10	Max 0.10

Aluminium Alloy 6063.T5 Physical Properties

Property	Value
Density	2.70 Kg/m ³
Melting Point	600 °C
Thermal Expansion	23.5 x 10 ⁻⁶ /K
Modulus of Elasticity	69.5 GPa
Thermal Conductivity	200W/m.K
Electrical Resistivity	0.035 x 10 ⁻⁶ Ω .m