



Products:

- *Next-Gen TPE Expansion Joint Tapes*
- *2-Component Epoxy Resin Adhesives*
- *Aluminium Expansion Joint Cover Plates & Systems .*

Services:

- *Turn-key Expansion Joint Treatment Services, designs and water proofing solutions.*

Expansion Joint Treatment Products & Services

45 Years of Industry leading experience

ANKIT WATERPROOFING ENGINEERS INC.

www.ankitwaterproofing.com

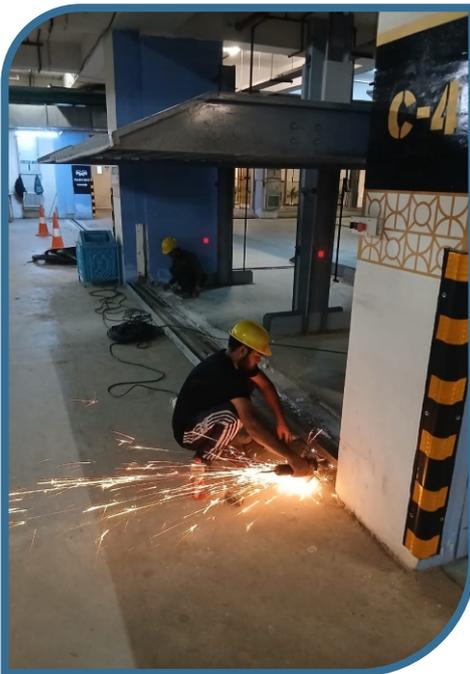
INTRODUCTION

Ankit Waterproofing Engineers Inc. (AWEI) is the dedicated expansion joint solutions arm of Ankit Polymers, a flagship company under the esteemed O.P. Yadav Group, proudly carrying forward a legacy of over 45 years of excellence in polymer innovation and infrastructure protection.

As Asia's and India's first indigenous manufacturer of TPE-based Expansion Joint Tapes, AWEI has pioneered a revolution in flexible joint sealing technologies. Our in-house manufacturing capabilities include TPE Expansion Joint Tapes, Felt-reinforced Waterproofing Tapes, and engineered hybrid membranes, delivering unmatched durability, elasticity, and long-term performance across the globe.

Global OEM Partner & Exporter

Today, AWEI proudly serves as an OEM partner to leading waterproofing brands worldwide, offering private-label manufacturing and exporting high-performance joint sealing systems across Asia, Europe, and the Middle East. Our tapes are engineered to integrate seamlessly with top-tier 2-component epoxy adhesives from brands like Fosroc, MC-Bauchemie, Sika, MYK, and Chowgule, ensuring 100% waterproofing integrity and peel-off bond strengths exceeding 7.5 N/mm^2 — one of the highest in the industry. Additionally, our tapes are designed to outperform in UV resistance, chemical durability, and movement absorption, making them ideal for both high-load structural and architectural expansion joints.



Comprehensive Project Execution

Beyond materials, AWEI offers end-to-end project execution of Expansion Joint Waterproofing and Protection Solutions. From bridges and flyovers to malls, airports, and basements, our expert application teams provide turnkey execution services backed by 10-year warranty options. We specialize in both new construction and rehabilitation projects, ensuring leakproof joint performance even in the most challenging environments.

Aluminium Expansion Joint Cover Systems – Made in India, Made for the World

AWEI is also one of the few companies in India to have complete in-house production of Aluminium Expansion Joint Cover Systems, available in a wide range of floor-to-floor, floor-to-wall, wall-to-wall, and ceiling cover configurations. Designed with a focus on aesthetics, strength, and cost-efficiency, our covers are suitable for commercial, industrial, and institutional applications. These systems are engineered to withstand seismic movement, thermal expansion, and traffic loads, while complementing interior or exterior finishes.

Why AWEI?

- ✓ Asia's 1st TPE Expansion Joint Tape Manufacturer
- ✓ Over 45 Years of Trusted Legacy under O.P. Yadav Group
- ✓ Private Label Exporter & OEM to Global Waterproofing Brands
- ✓ Peel Strength $>7.5 \text{ N/mm}^2$ | UV Resistance Higher than Any Competitor
- ✓ In-house Engineered Adhesives & Epoxy Compatibility
- ✓ Complete Aluminium Expansion Joint Cover Manufacturing
- ✓ End-to-End Project Execution with 10-Year Guarantee
- ✓ ISO-Compliant Processes | R&D Backed by German Technical Expertise

Whether you're an infrastructure consultant, a government body, or a private builder, AWEI by Ankit Polymers brings you next-generation expansion joint solutions – manufactured in India, engineered for the world.



Trusted Partner In Nation-Building Projects Across India.



Varun Beverages Limited PepsiCo
Bir Phillaur, Punjab



Banihal Qazigund Road Tunnel

Trusted Partner In Nation-Building Projects Across India.



AIIMS Hospital New Delhi



DIF, The Camellia Gurugram, Haryana

Trusted Partner In Nation-Building Projects Across India.



Sahara Grace, Gurugram, Haryana

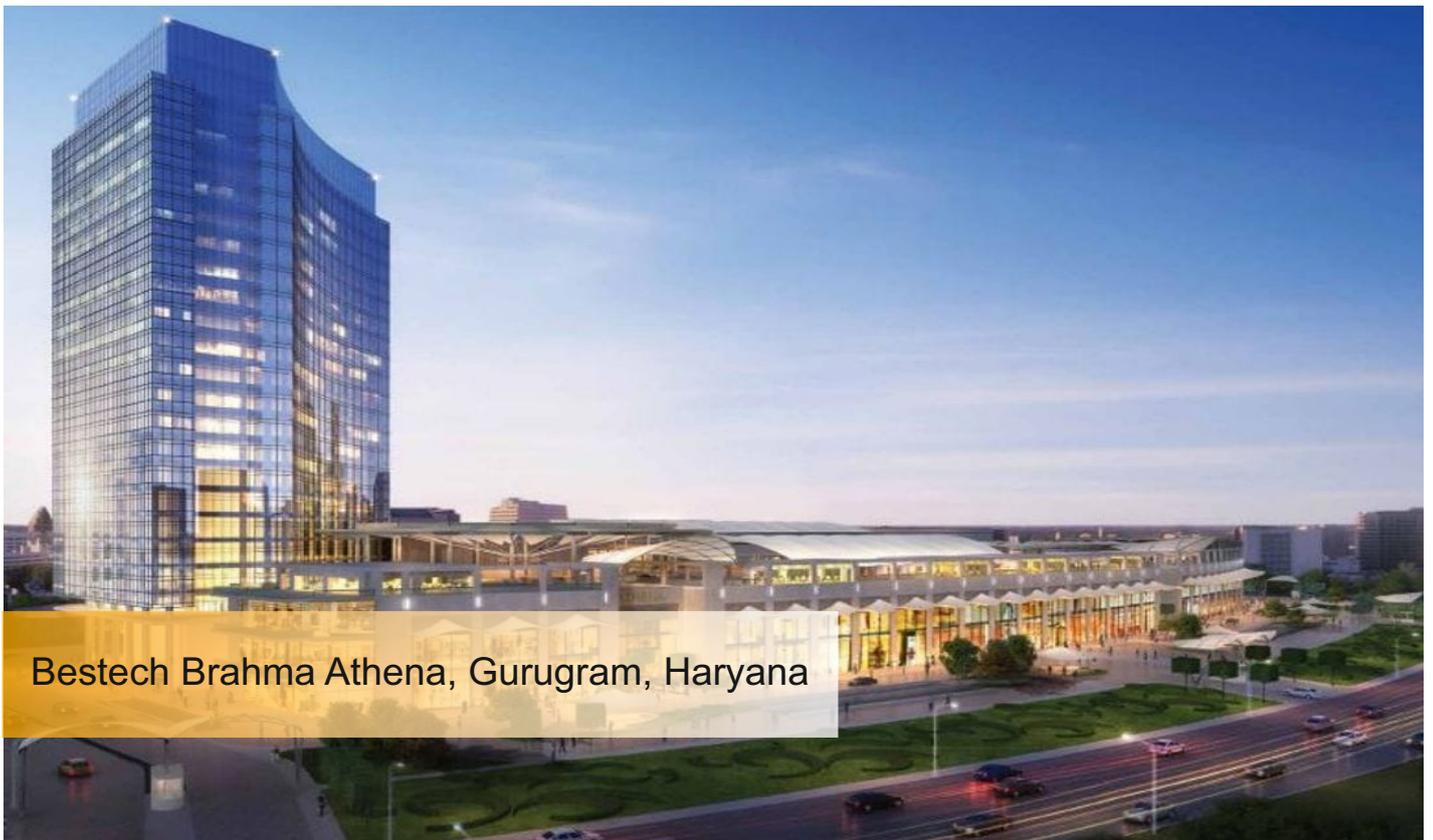


Raheja Atlantis, Gurugram, Haryana

Trusted Partner In Nation-Building Projects Across India.



Ocus Mall, Gurugram, Haryana

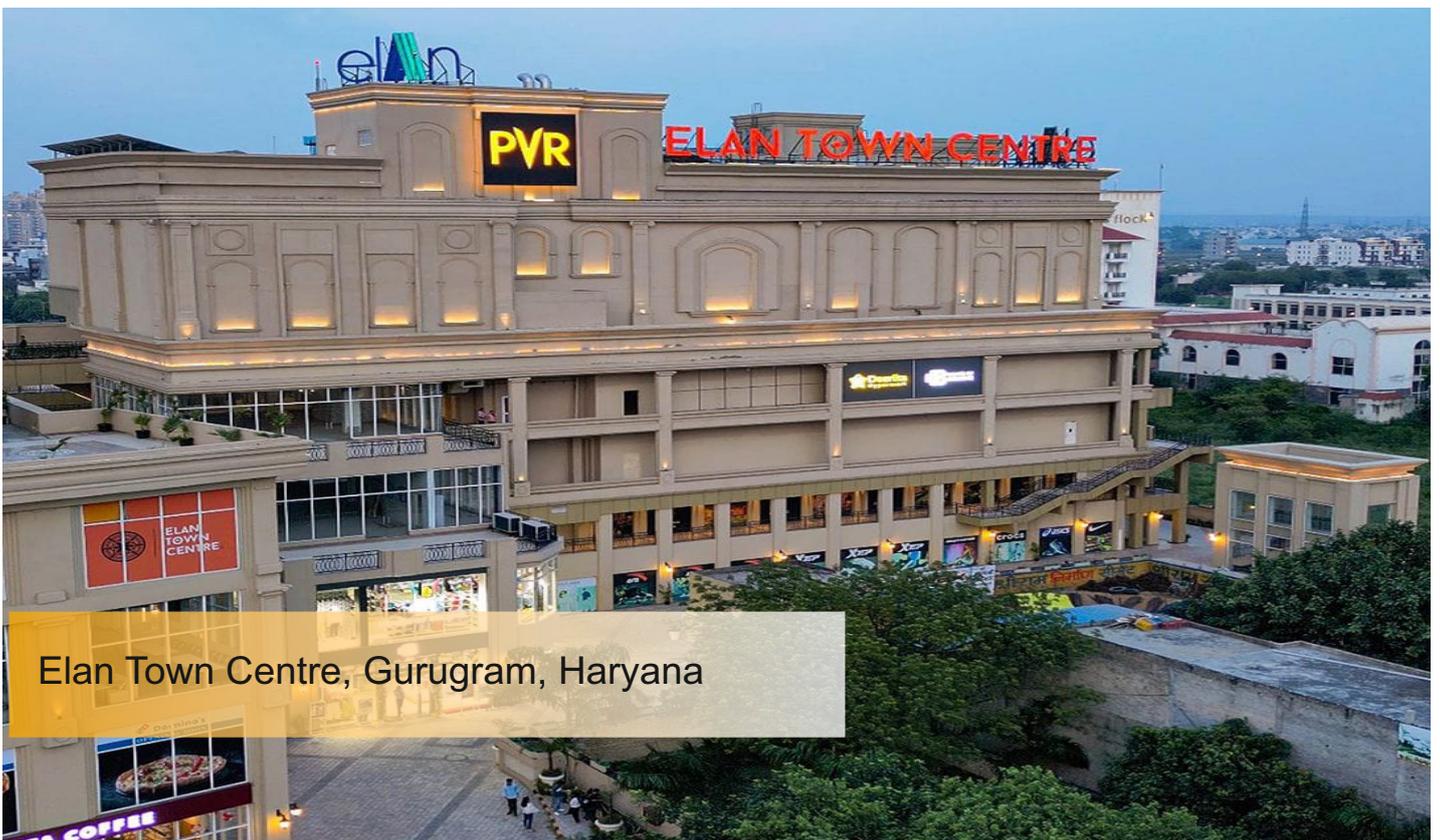


Bestech Brahma Athena, Gurugram, Haryana

Trusted Partner In Nation-Building Projects Across India.



BPTP Astaire Garden, Gurugram, Haryana



Elan Town Centre, Gurugram, Haryana

Trusted Partner In Nation-Building Projects Across India.



Sewage Treatment Plant Delhi Jal Board, Najafgarh



Sewage Treatment Plant, Amritsar

FLEXIBLE TPE EXPANSION JOINT TAPE

(For Expansion/Contraction/Construction/Movement joints in civil structures)

ElastPro Flexible TPE Expansion Joint Tapes are made of thermoplastic elastomer material laminated with hole punching on both sides, designed specifically to provide insulation and waterproofing of high movement expansion gaps, suitable across various surfaces/substrates, providing water tightness. Highly flexible, root-proof, UV and chemical resistant.

These tapes are adhered using 2-Component epoxy adhesives.

- **Waterproofing horizontal and vertical dilatation joints. Waterproofing wide and irregular cracks. Connection joints of slabs and walls.**
- **Suitable substrates are concrete, mortar, wood, metal, steel, aluminum, epoxy mortar, natural and artificial stones and many other building materials.**



ADVANTAGES

Highly flexible TPE material with fleece lamination.

Excellent adhesion, easy repairable and rupture resistant.

Root-proof, water, weather, UV and chemical resistant.

TECHNICAL FEATURES:

Property	Unit	Method	Value
Shore Hardness (15 sec.)	Shore A	ASTM D2240	80
Tensile Strength	N/mm ²	ASTM D882	> 7.5
Elongation at Break	%	ASTM D882	> 650
Peel Strength	N/mm ²	ASTM D3807	> 8
UV Resistance	Hours	ASTM G154	> 7500
Service Temperature	Celsius		-40°C to +80°C
Water Resistance	Bar		> 8



FELT REINFORCED FLEXIBLE EXPANSION JOINT TAPE

(For Expansion/Contraction/Construction/Movement joints in civil structures)

PRODUCT INFORMATION:

ElastPro Felt Reinforced Expansion Joint Tape is transversely flexible, longitudinally rigid, coated with special polyester (PES) felt, and is made of flexible thermoplastic elastomer (TPE) material, the middle part of which is resistant to tearing and suitable for adhesion with bitumen and epoxy.

USAGE AREAS:

- In underground applications as it is resistant to plant roots,
- In the waterproofing of horizontal/vertical dilatations,
- In the insulation of wide and irregular cracks,
- Elastic waterproofing of base-parapet connections,
- At the junctions of different building materials such as steel construction and reinforced concrete,
- In swimming pool and waste water units,
- It is used in tunnels and similar underground structures.



ADVANTAGES:

- Reinforced non-woven felt.
- Suitable for adhesion with bitumen.
- Waterproof.
- High UV resistance.
- Its resistance to plant roots is high.
- Resistant to bacterial attacks and chemical degradation.
- It has high resistance to environmental effects and aggressive environments.
- Time saving & cost effective.
- Highly flexible & elastic tapes.

PRODUCT CODE

Thickness : 1 MM, Surface : Textured, Colour : Blue, Lamination : Both Side Fleece (BSF), Length : 25 MTR

Product Code	Total width(MM)	TPE Width (MM)	Central Zone (unlaminated) (MM)
TPE-Tex150	150	150	100
TPE-Tex200	200	200	150
TPE-Tex300	300	300	200
TPE-Tex400	400	400	300

Thickness : 1 MM, Surface : Smooth, Colour : Dark Grey,

Lamination : Both Side Fleece (BSF), Length : 25 MTR Masking Tape Laminated

*Customized bulk order can be produced in desired width, thickness and quantity.

PACKAGING: 25 M Roll

SHELF LIFE: 36 months unopened under suitable storage conditions (in a dry and cool environment, in its original packaging).

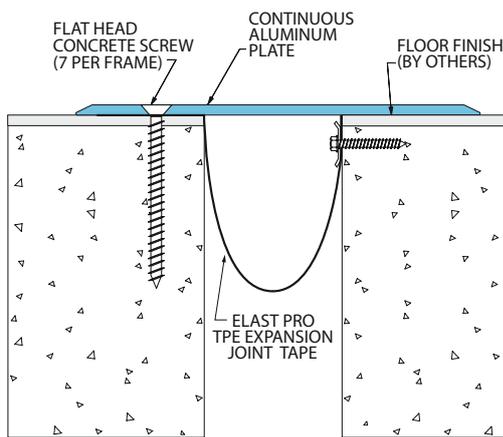
TECHNICAL FEATURES:

TEST	STANDARD	UNIT	VALUE
Tensile Strength (Transverse)	EN-ISO 527-3	MPa	7.5
Elongation at Maximum Load (Transverse)	EN-ISO 527-3	%	650
Tear Propagation Strength (Transverse)	EN-ISO 12310-2	N/mm ²	48
Hardness	ISO 868	Shore A	60
Chemical Resistance	Water-based and bitumen-based foundation insulations, Sea water, Waste water, UV rays, Hydrolysis, Microorganism		
Colour	Grey, Blue		
Water Pressure Resistance	EN 1928	Bar	> 8
Cold Folding	SIA 280/3	-	No Cracking at -30°C
Service Temperature	SIA V280/3+4	-	30 / +80°C
Thickness		mm	1-1.5

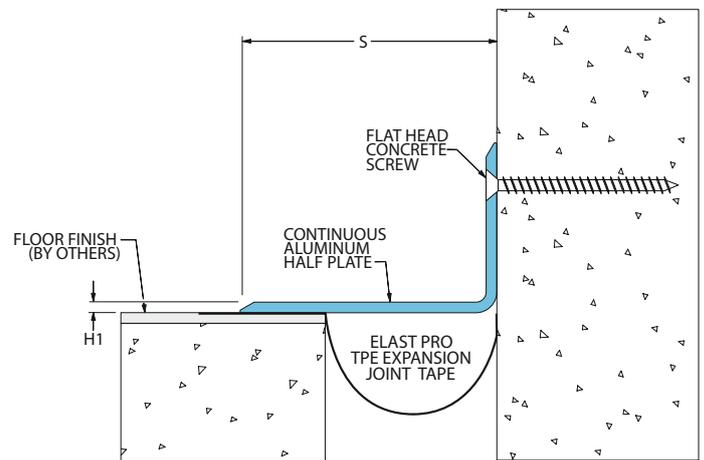
ALUMINIUM EXPANSION JOINT COVERS (Floor)



AP-FWPC/B
- Floor to Floor
- Floor to Wall



AP-FPC-500



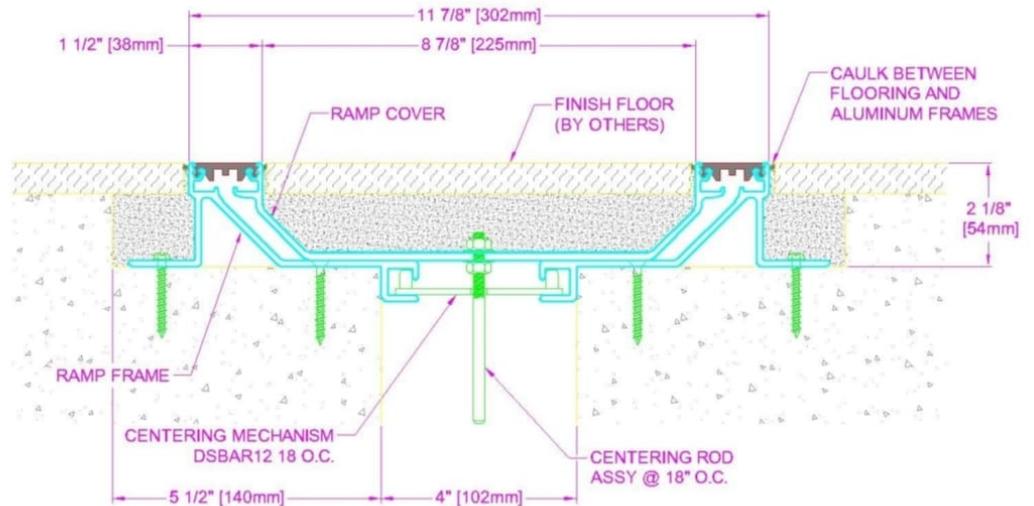
C-AP-FPC-500

Model No.	AP-FWPC/B 25	AP-FWPC/B 50	AP-FWPC/B 75	AP-FWPC/B 100	AP-FWPC/B 150
Thickness (mm)	3	3	3	5	5
Width (mm)	100	150	200	250	300
Movement	± 50%				
Type of Load	Pedestrian/ Trolley				

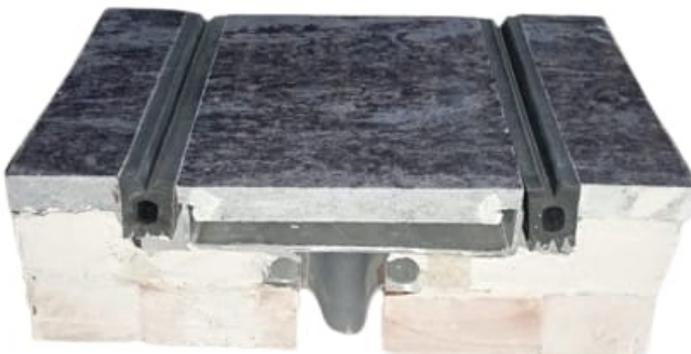
ALUMINIUM EXPANSION JOINT COVERS (Floor)



AP-CMCFPC
- Floor to Floor
- Floor to Wall
(Marble/Granite/Tile)

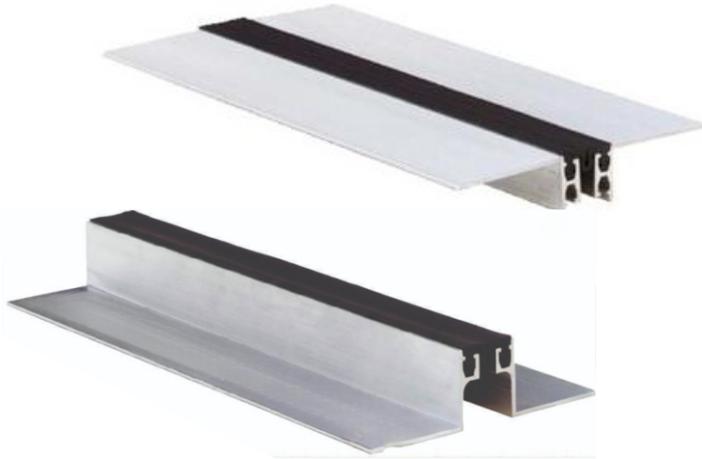


Joint Width	50 to 300 mm
Height (mm)	80
Center Pan profile	25 mm height for Tile / Marble
Movement	± 35%
Type of Loading	Public / Vehicular / Fire engine

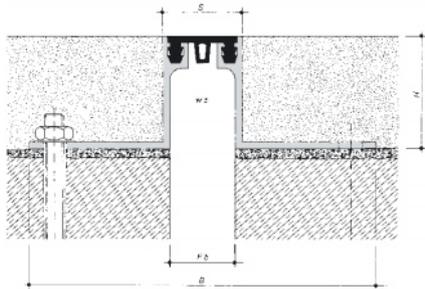


(Both side Compression Seal embedded)

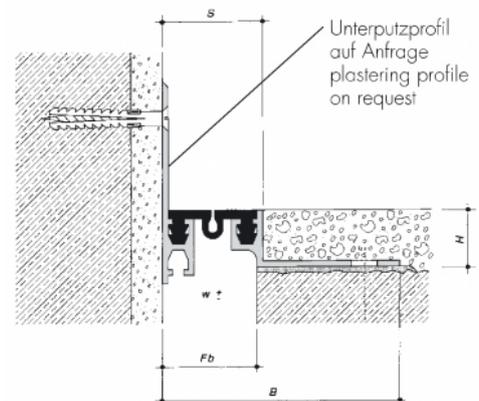
ALUMINIUM EXPANSION JOINT COVERS



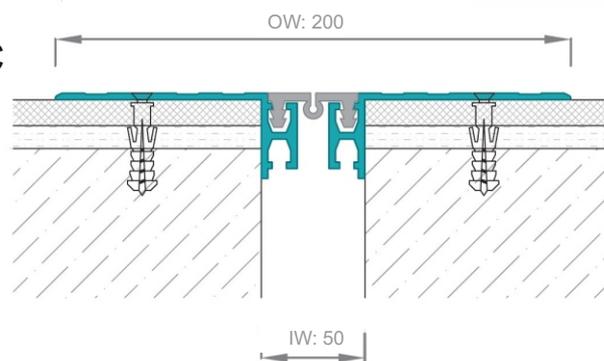
AP-MNFPC SYSEMIC FLOOR PROTECTION COVER 2 IN 1



AP-MNFPC

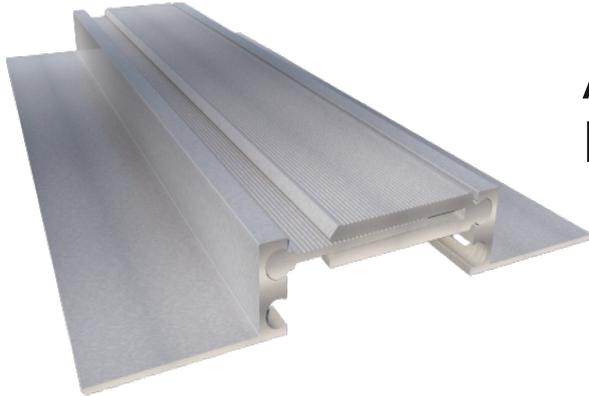


AP-MNFPC

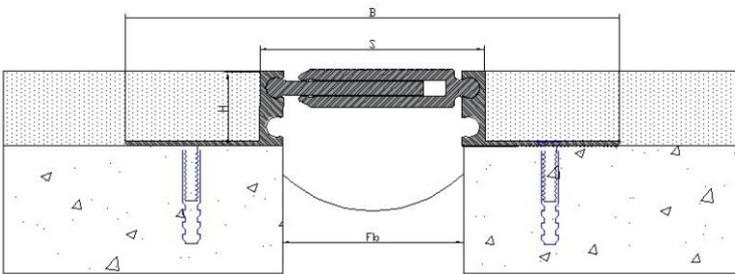


MODEL NO	AP-MNFPC-25	AP-MNFPC-50	AP-MNFPC-65
Fb, mm Up to	25	50	65
Height, mm	26 / 35 / 50	26 / 35 / 80	26 / 35 / 80
B, mm	125	150	165
S, mm	25	50	65
Movement Absorption	(+ 15mm , - 5mm)	(+25mm, -10mm)	(+ 35mm, -20mm)
Material	Natural Aluminium, mill finish		
Type of Loading	Public/Vehicular/Fire engine	Public/ Vehicular	Public/Trolley

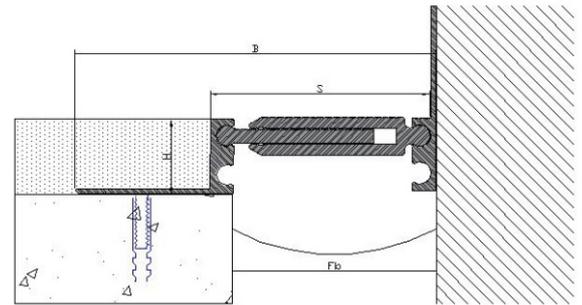
ALUMINIUM EXPANSION JOINT COVERS



AP-FPC-500 SYSEMIC FLOOR PROTECTION COVER



AP-FPC-500



C-AP-FPC-500

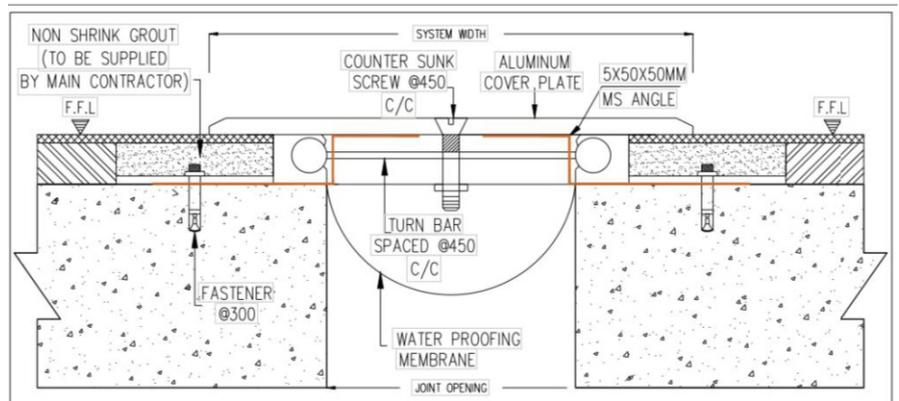
MODEL NO	AP-FPC-500-50	AP-FPC-500-100	AP-FPC-500-150
Fb, mm Up to	50	100	150
Height, mm	28	28	28
B, mm	150	200	250
S, mm	70	120	170
Movement Absorption	(+ 15mm , - 5mm)	(+25mm, -10mm)	(+ 35mm, -20mm)
Material	Natural Aluminium, mill finish		
Type of Loading	Public/Vehicular/Fire engine	Public/ Vehicular	Public/Trolley

ALUMINIUM EXPANSION JOINT COVERS (Floor)



AP-ALFPC

- Floor to Floor
- Floor to Wall
- Turn Bar System
- Side Chamfered
- Line Texture



Model No.	AP-ALFPC 100	AP-ALFPC 150	AP-ALFPC 200	AP-ALFPC 250	AP-ALFPC 300
Thickness (mm)	5	5	5	5	5
Width (mm)	200	250	300	350	400
Movement	± 25%				
Type of Load	Pedestrian/ Trolley				



AP-MSFPC

- Floor to Floor (Basement Parking)
- With Compression Seal
- Gap width - 50 mm

Gap width

50 mm

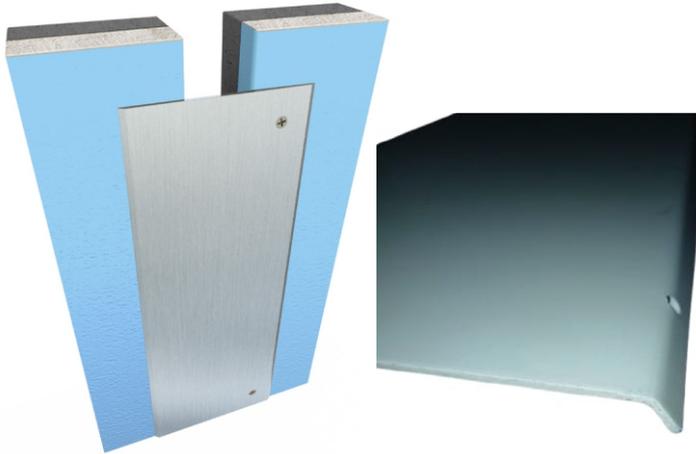
Movement

± 35%

Type of Loading

Public / Vehicular / Fire engine

ALUMINIUM EXPANSION JOINT COVERS (Wall & Ceiling)



AP-WPC/B

- Wall to Wall or Ceiling to Ceiling
- Wall to Corner or Wall to Ceiling
(Slotted / Edge bend / Powder Coated)

Model No.	AP-WPC/B 25	AP-WPC/B 50	AP-WPC/B 75	AP-WPC/B 100	AP-WPC/B 150
Thickness (mm)	2	2	2	2	2
Width (mm)	100	150	200	250	300
Gap Width (mm)	25	50	75	100	150
Movement	± 50%				
Type of Load	Vertical Application Only				

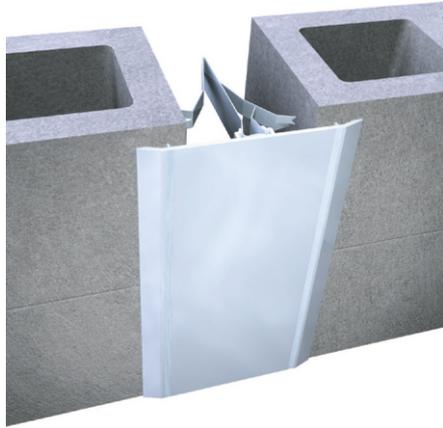


AP-WPC/H

- Wall to Wall or Ceiling to Ceiling
- Wall to Corner or Wall to Ceiling
(Powder Coated)
- Turn Bar System

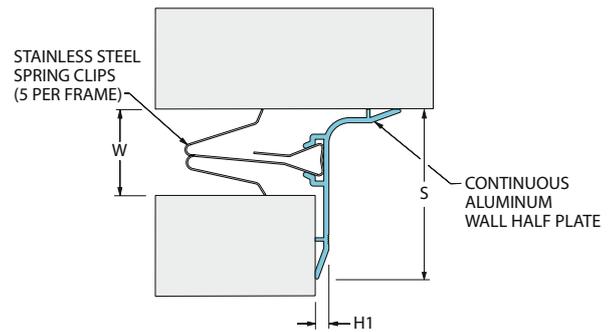
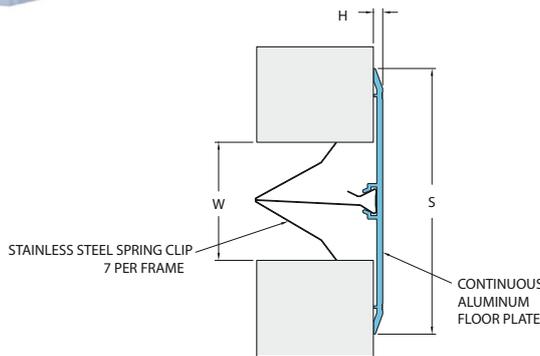
Model No.	AP-WPC/H 100	AP-WPC/H 150	AP-WPC/H 200	AP-WPC/H 250	AP-WPC/H 300
Thickness (mm)	3	3	3	3	3
Width (mm)	200	250	300	350	400
Movement	± 25%				
Type of Load	Vertical Application Only				

ALUMINIUM EXPANSION JOINT COVERS (Wall & Ceiling)



AP-ALWPC (Lock Profile)

- Wall to Wall or Ceiling to Ceiling
- Wall to Corner or Wall to Ceiling



Model No.	AP-ALWPC 25	AP-ALWPC 50
Gap Width	25 mm	50 mm
Movement	± 25%	
Type of Load	Vertical Application Only	

AP-ALWPC (Lock Profile)

- Wall to Wall or Ceiling to Ceiling
- Wall to Corner or Wall to Ceiling

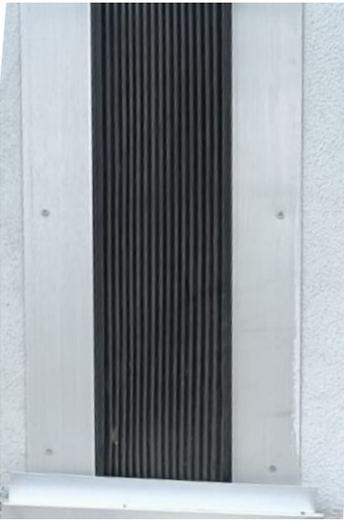


Model No.	AP-ALWPC 75	AP-ALWPC 100
Gap Width	75 mm	100 mm
Movement	± 25%	
Type of Load	Vertical Application Only	

ALUMINIUM EXPANSION JOINT COVERS

AP-ALWPC-PAD SEAL

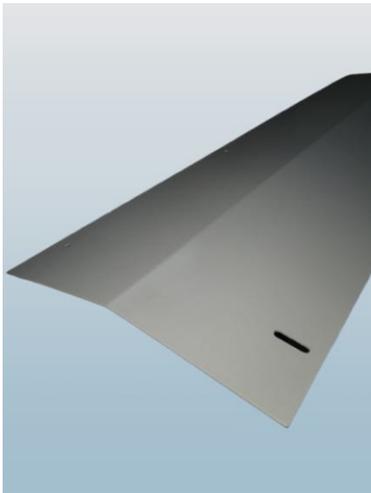
- Wall to Wall or Ceiling to Ceiling
- Wall to Corner or Wall to Ceiling



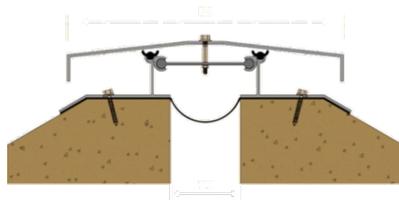
Model No.	AP-ALWPC-PAD SEAL 100	AP-ALWPC-PAD SEAL 200	AP-ALWPC-PAD SEAL 300
Thickness (mm)	2	2	2
Width (mm)	150	250	350
Gap Width (mm)	100	200	300
Movement	± 25%		
Type of Load	Vertical Application Only		

AP-RPC/B

- Roof to Roof
 - Roof to Wall
- (Slotted / Edge bend / Powder Coated)



Model No.	AP-RPC/B 25	AP-RPC/B 50	AP-RPC/B 75	AP-RPC/B 100	AP-RPC/B 150
Thickness (mm)	2	2	2	2	2
Width (mm)	100	150	200	250	300
Gap Width (mm)	25	50	75	100	150
Movement	± 50%				
Type of Load	Pedestrian				



AP-RPC/System

- Roof to Roof

Model No.	AP-RPC/S 50	AP-RPC/S 100
Width (mm)	200	300
Gap Width (mm)	50	100
Movement	± 50%	



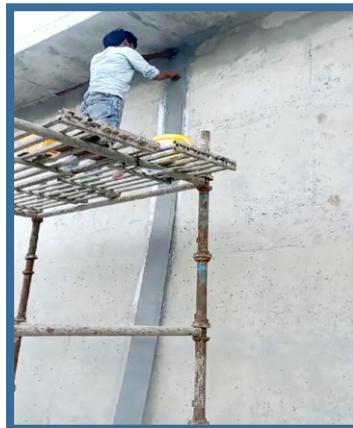
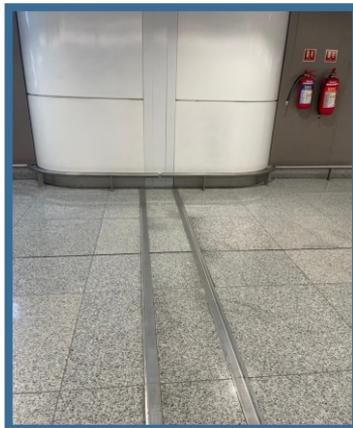
ANKIT POLYMERS

Ateli, Haryana, India, 90000 ft² Manufacturing Unit

ELAST PRO™



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