



Z - 5000 & ZK - 5000 POP UP SEISMIC FLOOR EXPANSION JOINT COVERS



PRODUCT DESCRIPTION

The Z - 5000 Expansion Joint Cover is an ideal Cover for Floor to Floor and Wall to Wall applications.

The Series is suitable for Interior and Exterior Areas where minimal Visible Sightline of the Profile is expected.

The components of the Z - 5000 cover are:

- Extruded Aluminium Recessed Support Profiles.
- Extruded Aluminium Centre Pan.
- Galvanised Steel Turnbar.

The Z - 5000 is a complete Aluminium Expansion Joint Cover Profile.

The Profile is a Heavy-Duty Pan Type System which can accommodate Multi-Directional/Seismic Movement while offering Minimum Profile Visibility.

The Central Pan of the Z - 5000 Cover provides for Fixing of Finishing Material in the Deep Recess thus providing Concealment of the Profile.

This cover is a high Load-Bearing System, and provides a Simple, Durable and Attractive solution while keeping the Surrounding Aesthetic Intact.

RECOMMENDED FOR

- Interior and Exterior Areas where thermal and Multi Directional/Seismic Movement is expected
- Areas where Aesthetic plays an important role
- Hospitality, Retail, Commercial and similar applications

TECHNICAL DATA

Support Profiles & Centre Pan

The Aluminium profiles are extruded using one of the multiple Aluminium alloys and tempers.

The selection of the Aluminium grade depends on the use case of the profile.

Aluminium grade AA 6063 is the preferred choice for most profiles.

Turnbar

Material - Galvanised Steel.

Finish - "A" Coating (Corrosion protection).

Optional: Vapour Barrier

Material	Ethylene Propylene Diene Monomer.
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Color	Black.
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Tensile Strength	1431 psi - ASTM D 412.
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Tear Resistance (lbf/in.)	204 - ASTM D 624.
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Puncture Resistance (lbf)	60 at 4.49" - ASTM E 154.
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STORAGE & HANDLING

ALUMINIUM

• Transportation

Aluminium can be damaged during transport and constitutes in the form of scratches and wear marks that can lead to subsequent interfacial corrosion. Such damage prevents satisfactory surface treatment of the profiles.

The appearance of Aluminium is affected by minor transportation damages to the surface of the material but mechanical properties of the metal, however, remain unaffected.

To prevent such damage to the material, it is important for the Aluminium profiles to be packaged in strong paper, plastic or bubble wrap during any moving and transportation to prevent individual profile surfaces from bumping against each other thus causing scratches.

• Storage

It is important to note that Aluminium gets easily affected by water and moisture.

Aluminium alloys with higher magnesium content are sensitive to water and condensation, whereas purer alloys have greater resistance to the same.

Moisture damage to Aluminium appears as white patches/ spots or dark discolouration marks and can be observed in the event if water or condensation is trapped between Aluminium profile stacked upon or lying very close to each other.

SUBSTRATE REQUIREMENT & PREPARATION

- The surface must have enough clearance from the reinforcement to provide enough space for the anchor.
- The surface must be level to avoid gaps.
- The gap must be uniform and in a straight line.

INSTALLATION

Kindly refer to the detailed GENOTEK installation instructions or contact your nearest GENOTEK Technical Centre for the same.

PACKAGING

- Aluminium Support Profile & Centre Pan: Standard Supply Length of 3.00 LM per piece.
- Moisture Barrier: Variable Length as per requirement.
- Accessories: Original Manufacturer Packing.

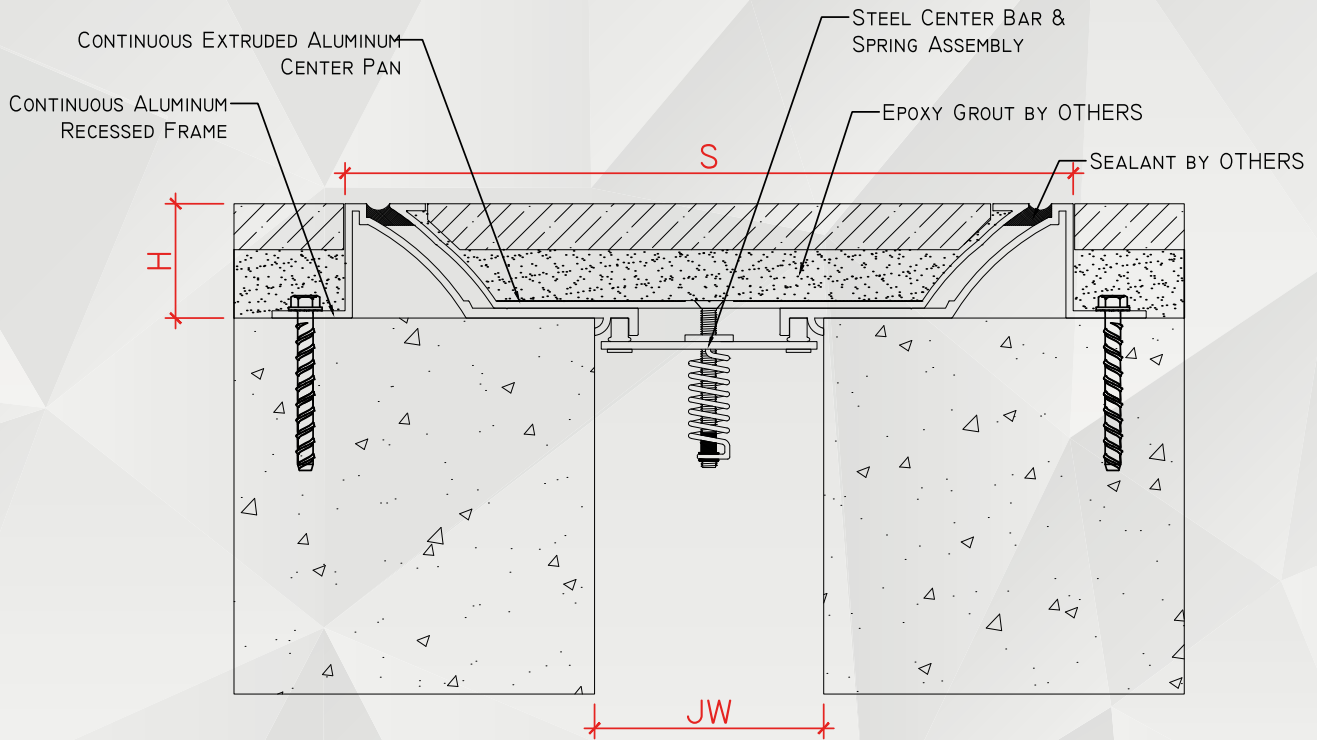


TECHNICAL DATA SHEET

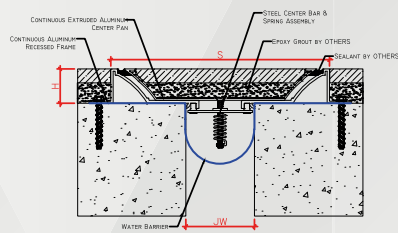


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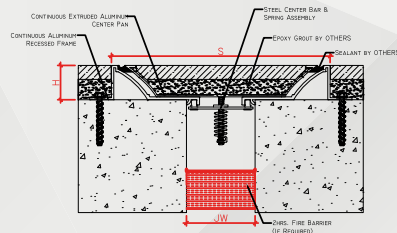
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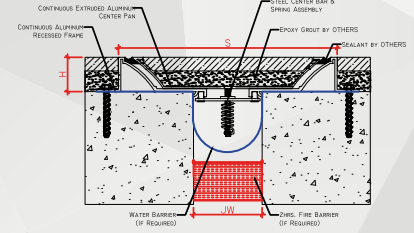
OPTIONAL: WITH WATER BARRIER



OPTIONAL: WITH FIRE BARRIER



OPTIONAL: WITH WATER BARRIER & FIRE BARRIER



<input checked="" type="checkbox"/>	SKU	NAME	JOINT WIDTH, JW (MM)	HEIGHT, H (MM)	SIGHTLINE, S (MM)	MOVEMENT CAPACITY (%)	LOAD CAPACITY (KN)
<input type="checkbox"/>	Z500010050318	Z-5000-100	50-110	50	318	±50	10
<input type="checkbox"/>	Z500015050368	Z-5000-150	120-160	50	368	±50	10
<input type="checkbox"/>	Z500020050456	Z-5000-200	170-210	50	456	±50	10
<input type="checkbox"/>	Z500025064600	Z-5000-250	220-260	64	600	±50	10
<input type="checkbox"/>	Z500030064725	Z-5000-300	270-310	64	725	±50	10

NOTE: 1. THE ABOVE DRAWINGS ARE FOR ILLUSTRATION ONLY, PLEASE SEE THE SYSTEM DRAWING OF THE PROFILE FOR THE SECTION DETAILS AS SPECIFICATION MY VARY.

2. THE ABOVE SIZES ARE FOR REFERENCE, ADDITIONAL SIZES MAY BE AVAILABLE AND / OR CUSTOMIZED.KINDLY CONTACT GENOTEK TECHNICAL SUPPORT FOR MORE INFORMATION.

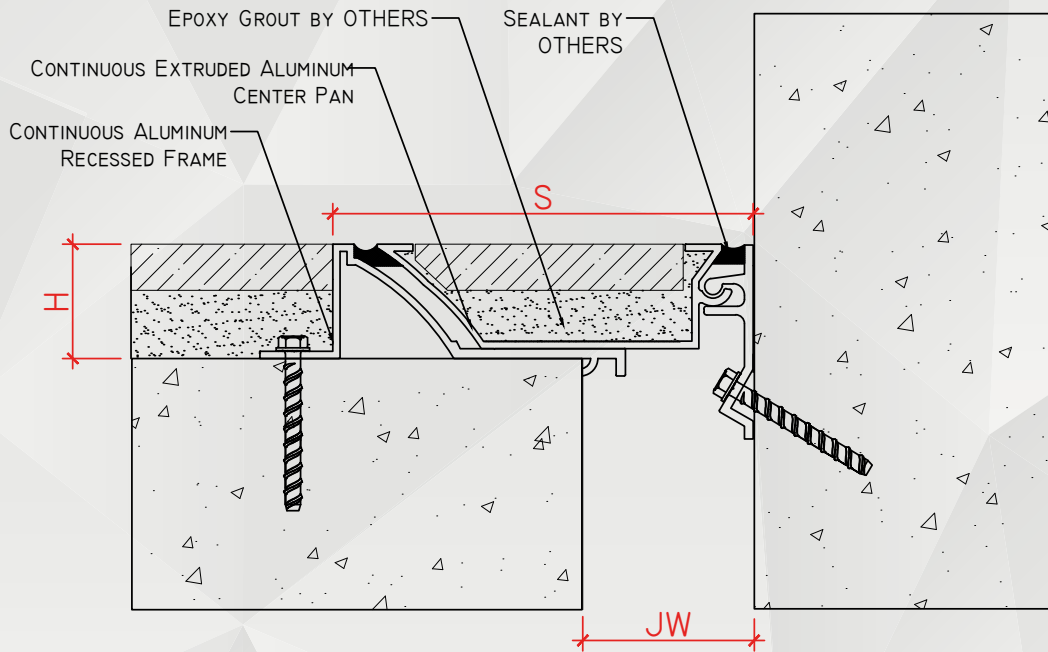


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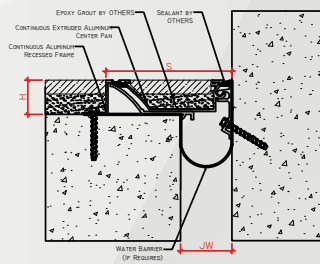


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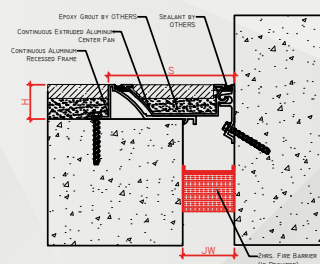
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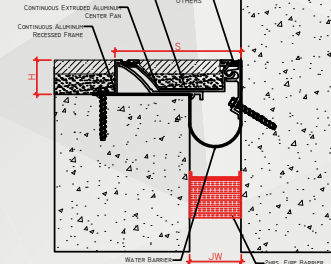
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<input type="checkbox"/>	ZK50005050184	ZK-5000-50	50-80	50	184	±50	10
<input type="checkbox"/>	ZK500010050209	ZK-5000-100	90-110	50	209	±50	10
<input type="checkbox"/>	ZK500015050260	ZK-5000-150	120-160	50	260	±50	10
<input type="checkbox"/>	ZK500020050328	ZK-5000-200	170-210	50	328	±50	10
<input type="checkbox"/>	ZK500025064473	ZK-5000-250	220-260	64	473	±50	10
<input type="checkbox"/>	ZK500030064515	ZK-5000-300	270-310	64	515	±50	10

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