



Z-1670 & ZK-1670 THERMAL RECESSED MODULAR FLOOR SYSTEMS



PRODUCT DESCRIPTION

The Z - 1670 Expansion Joint Cover is an ideal Cover for Floor to Floor applications.

The Series is suitable for Areas where Heavy Loads and Slow Moving Vehicular Traffic are expected.

The components of the Z - 1670 cover are:

- Extruded Aluminium Support Profiles.
- Extruded Aluminium Centre Plates which accommodate the expansion and contraction in the adjacent concrete slabs

The Z - 1670 is a complete Aluminium Expansion Joint Cover Profile.

The profile is specifically designed for areas where Heavy Loads and Slow Moving Vehicular Traffic is expected.

The Z - 1670 profile is capable of accommodating three directional movements and it is a highly durable profile with minimum visible sightline and no gaps.

RECOMMENDED FOR

- Areas undergoing Heavy Loads and Slow Moving Vehicular Traffic
- Warehouses
- Parking Garages

TECHNICAL DATA

Support Profiles and Centre Plates

The Aluminium support 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.

Optional: Vapour Barrier

Material	Ethylene Propylene Diene Monomer.
Color	Black.
Tensile Strength	1431 psi - ASTM D 412.
Tear Resistance (lbf/in.)	204 - ASTM D 624.
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

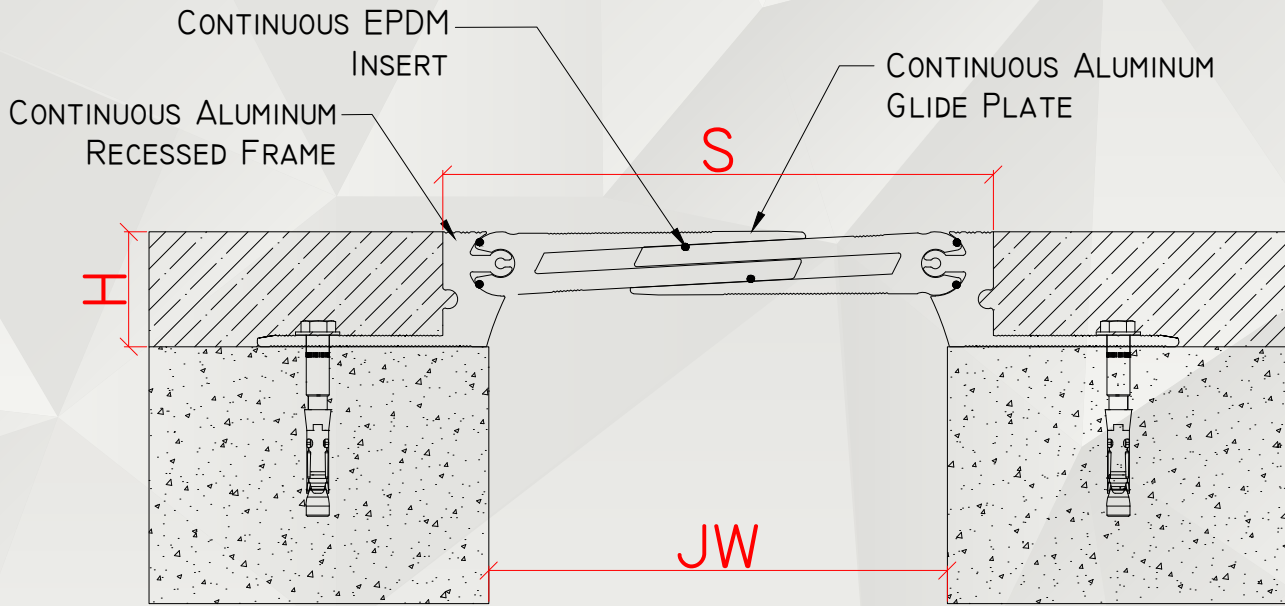
Kindly refer to the detailed GENOTEK Installation Instructions or contact your nearest GENOTEK Technical Centre for the same.

PACKAGING

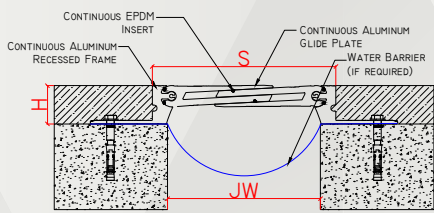
- Aluminium Support Profile and Central Plate: Standard Supply Length of 3.00 LM per piece.
- Moisture Barrier: Variable Length as per requirement.
- Accessories: Original Manufacturer Packing.



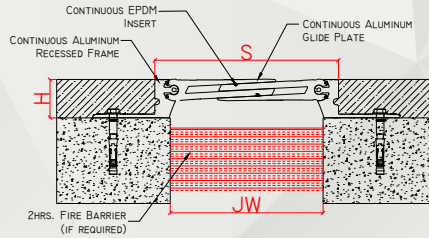
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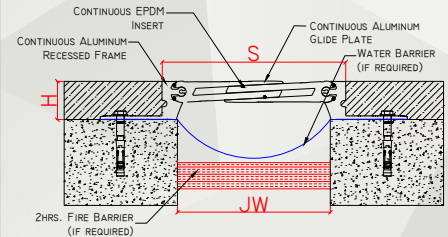
OPTIONAL: WITH WATER BARRIER



OPTIONAL: WITH FIRE BARRIER



OPTIONAL: WATER BARRIER & FIRE BARRIER



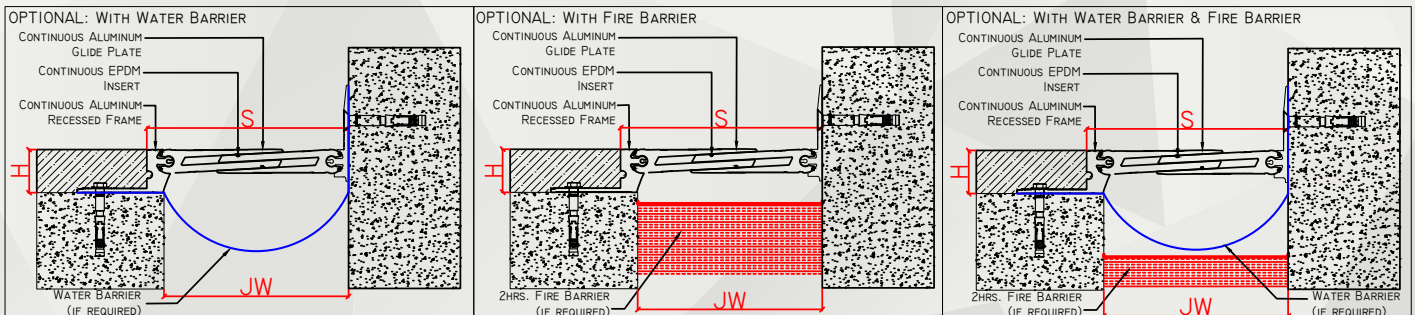
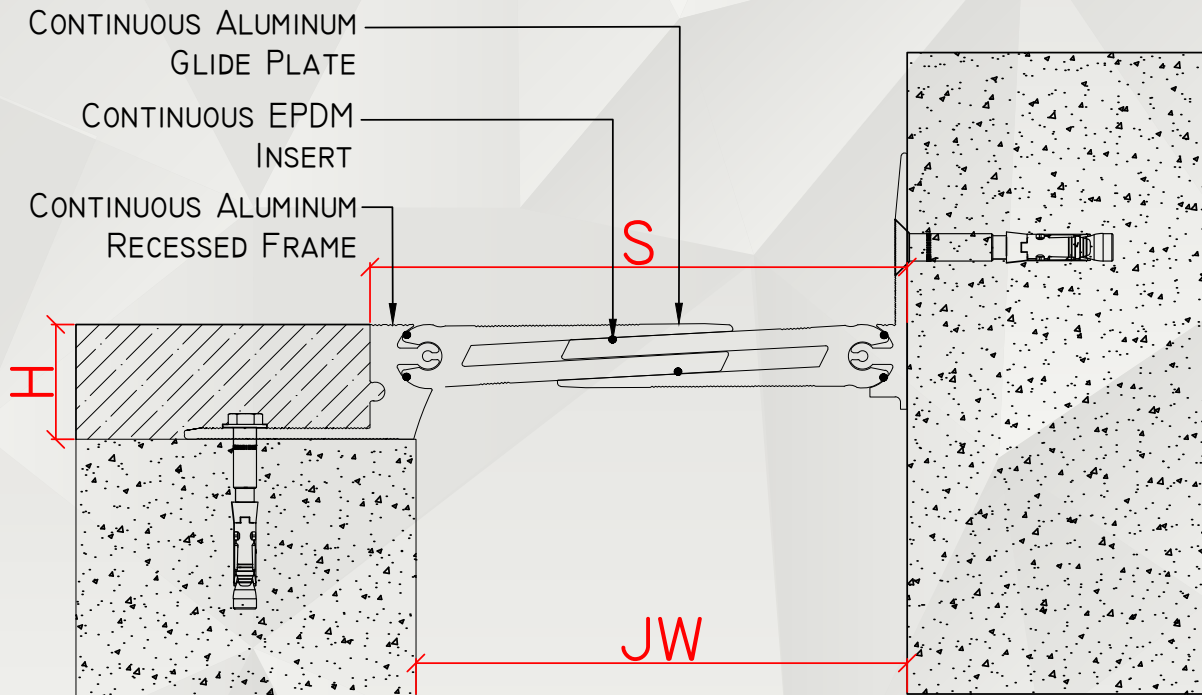
<input checked="" type="checkbox"/>	SKU	NAME	JOINT WIDTH, JW (MM)	HEIGHT, H (MM)	SIGHTLINE, S (MM)	MOVEMENT CAPACITY (%)	LOAD CAPACITY (KN)
<input type="checkbox"/>	Z1670305045	Z-1670-30	30	50	45	±20	35
<input type="checkbox"/>	Z1670505055	Z-1670-50	50	50	55	±20	35
<input type="checkbox"/>	Z167010050143	Z-1670-100	100	50	143	±20	35
<input type="checkbox"/>	Z167012550157	Z-1670-125	125	50	157	±20	35
<input type="checkbox"/>	Z167017050215	Z-1670-170	170	50	215	±20	35
<input type="checkbox"/>	Z167020050240	Z-1670-200	200	50	240	±20	35

NOTE: 1. THE ABOVE DRAWINGS ARE FOR ILLUSTRATION ONLY, PLEASE SEE THE SYSTEM DRAWING OF THE PROFILE FOR THE SECTION DETAILS AS SPECIFICATION MAY 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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<input checked="" type="checkbox"/>	SKU	NAME	JOINT WIDTH, JW (MM)	HEIGHT, H (MM)	SIGHTLINE, S (MM)	MOVEMENT CAPACITY (%)	LOAD CAPACITY (KN)
<input type="checkbox"/>	ZK1670305041	ZK-1670-30	30	50	41	±20	35
<input type="checkbox"/>	ZK1670505055	ZK-1670-50	50	50	55	±20	35
<input type="checkbox"/>	ZK167010050143	ZK-1670-100	100	50	143	±20	35
<input type="checkbox"/>	ZK167012550157	ZK-1670-125	125	50	157	±20	35
<input type="checkbox"/>	ZK167017050215	ZK-1670-170	170	50	215	±20	35
<input type="checkbox"/>	ZK167020050233	ZK-1670-200	200	50	233	±20	35

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