



WE SERIES WITH BACKSEAL INTERIOR AND EXTERIOR SEISMIC SYSTEM FOR WALLS AND CEILINGS



PRODUCT DESCRIPTION

The WE Series Expansion Joint Cover is an ideal Cover for Wall to Wall and Ceiling to Ceiling applications.

The Series is suitable for Interior and Exterior Areas where Seismic/Multi-Directional Movements are required.

The components of the WE Series Cover are:

- Extruded Aluminium Support Profiles.
- Elastomeric Rubber Insert which absorbs the Expansion and Contraction in the adjacent concrete slabs.
- Elastomeric Rubber Back seal.

The WE Series is an Aluminium + Elastomeric Rubber Expansion Joint Cover Profile.

The Profile is ideal for Interior and Exterior Applications where Seismic/Multi-Directional Movements are present.

The Elastomeric Rubber Insert accommodates the Seismic Movements and the Secondary Back Seal is present in Areas where Weather Protection is critical.

The Profile is specifically designed to be used in Areas where the Gap Sizes are Wider than usual and can be used for Gap sizes up to 250 mm.

The Elastomeric Rubber Gasket is available in 4 Standard colors to match the Adjacent Finishes.

RECOMMENDED FOR

- Interior and Exterior Areas where Seismic/Multi-Directional Movements are present.
- Areas where Weather Protection is Critical.

TECHNICAL DATA

Support Profiles

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.

Elastomeric Rubber Insert

Material	Thermoplastic Elastomer or Ethylene Propylene Diene Monomer.
Hardness	60 - 70 ShoreA (ASTM D 2240).
Finish	Grooved Finish.
Colors	Black, Beige, Grey and White.



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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

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.

EPDM

• Storage

The storage temperature must remain below 25° C.

There should be no direct heat sources in the storage area.

The seals should not be exposed to direct sunlight.

The seals must be protected from the effects of ozone and ionizing radiation.

The seals must be stored so as to avoid their being under tensile stress.

SUBSTRATE REQUIREMENT & PREPARATION

- The surface must have sufficient clearance from the reinforcement to provide enough space for the anchor.
- The surface must be level with a Maximum Tolerance of +/- 2 mm to provide the best Aesthetic Finish.
- The gap must be uniform and in a straight line.

INSTALLATION

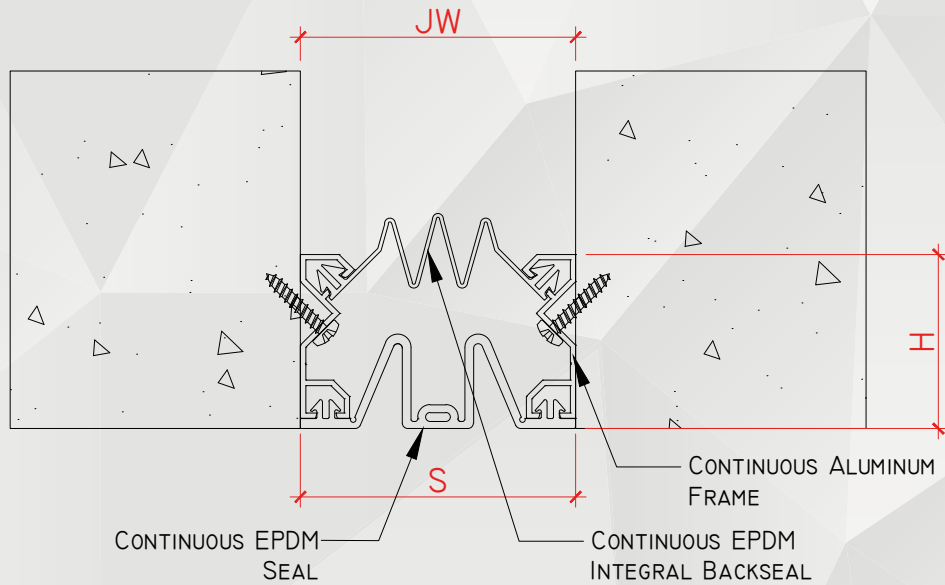
Kindly refer to the detailed GENOTEK Installation Instructions or contact your nearest GENOTEK Technical Centre for the same.

PACKAGING

- Aluminium Support Profile: Standard Supply Length of 3.00 LM per piece.
- Elastomeric Insert: Standard Supply Length of 25.00 LM per roll.
- Moisture Barrier: Variable Length as per requirement.
- Accessories: Original Manufacturer Packaging.



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<input checked="" type="checkbox"/>	SKU	NAME	JOINT WIDTH, JW (MM)	HEIGHT, H (MM)	SIGHTLINE, S (MM)	MOVEMENT CAPACITY (%)
<input type="checkbox"/>	WE505150	WE-50	50	51	50	±50
<input type="checkbox"/>	WE755175	WE-75	75	51	75	±50
<input type="checkbox"/>	WE10051100	WE-100	100	51	100	±50
<input type="checkbox"/>	WE15079150	WE-150	150	79	150	±50
<input type="checkbox"/>	WE20079200	WE-200	200	79	200	±50
<input type="checkbox"/>	WE25079250	WE-250	250	79	250	±50
<input type="checkbox"/>	WE30079300	WE-300	300	79	300	±50
<input type="checkbox"/>	WE35079350	WE-350	350	79	350	±50
<input type="checkbox"/>	WE40079400	WE-400	400	79	400	±50

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.