



C-WE & C-WEK SUSPENDED CEILING SYSTEMS



PRODUCT DESCRIPTION

The C - WE Expansion Joint Cover is an ideal Cover for Ceiling to Ceiling applications.

The Series is suitable for Areas where Thermal Movements are required.

The components of the C - WE Cover are:

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

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

The Profile is ideal for applications where a minimal visual impact is preferred.

The Elastomeric Rubber Insert is designed with rigid edges to lock into the Aluminium Support Profiles and prevent from Hairline Gaps opening up resulting in a hygienic seal.

The Central Elastomeric Rubber Insert flexes to allow full movement of the profile.

The Frame Configurations are available for this Profile to suit Flat as well as Corner applications.

RECOMMENDED FOR

- Interior Areas.
- Ceiling Applications.
- Acoustical Tile Ceiling Constructions.

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 level with a Maximum Tolerance of +/- 5 mm. The largest gap dimension in the length should correlate with the gap size of the Expansion Joint Cover ordered.

INSTALLATION

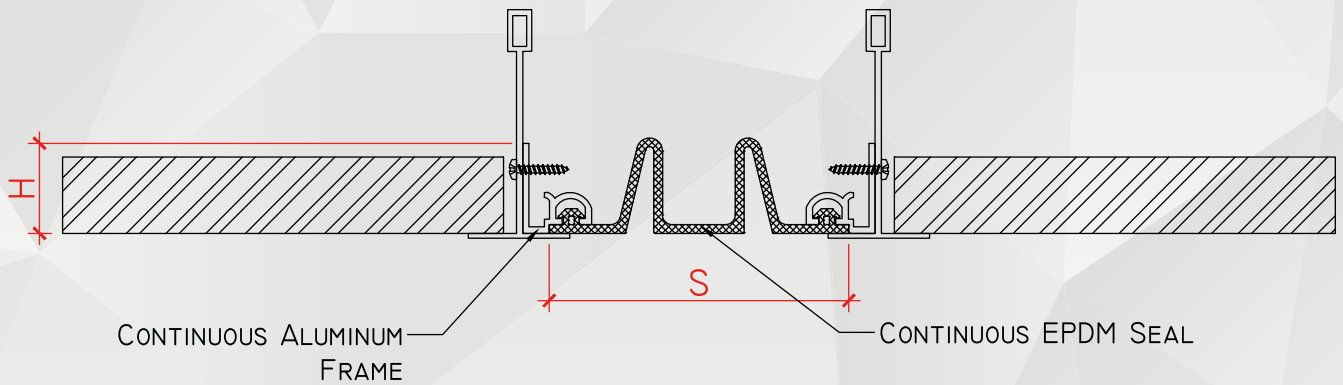
Kindly refer to the detailed GENOTEK Installation Instructions or contact your nearest GENOTEK Technical Centre for the same.

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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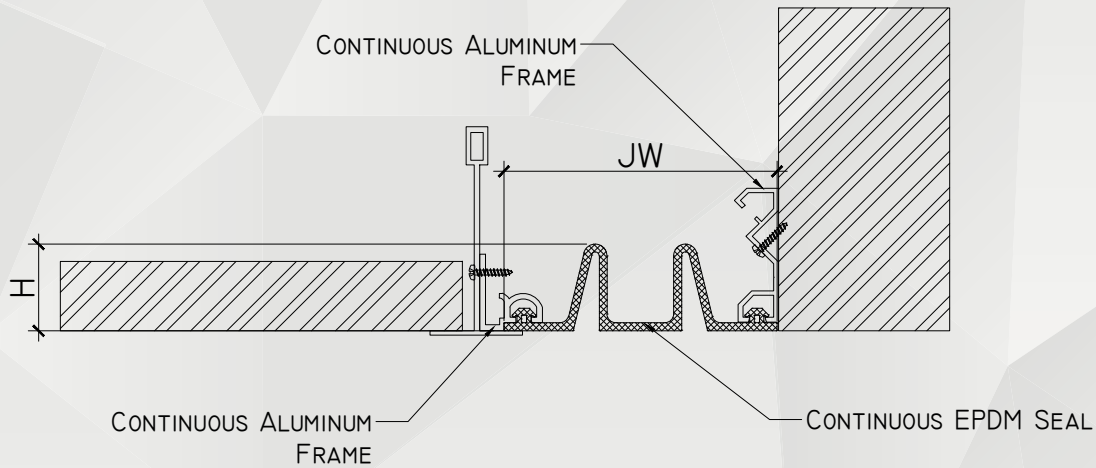
<input checked="" type="checkbox"/>	SKU	NAME	JOINT WIDTH, JW (MM)	HEIGHT, H (MM)	SIGHTLINE, S (MM)	MOVEMENT CAPACITY (%)
<input type="checkbox"/>	CWE503050	C-WE-50	30-60	30	50	±50
<input type="checkbox"/>	CWE753075	C-WE-75	70-80	30	75	±50
<input type="checkbox"/>	CWE10030100	C-WE-100	90-110	30	100	±50
<input type="checkbox"/>	CWE12030120	C-WE-120	120-130	30	120	±50
<input type="checkbox"/>	CWE15030150	C-WE-150	140-160	30	150	±50
<input type="checkbox"/>	CWE20030200	C-WE-200	170-200	30	200	±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.



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<input type="checkbox"/>	CWEK503050	C-WEK-50	30-60	30	50	±50
<input type="checkbox"/>	CWEK753075	C-WEK-75	70-80	30	75	±50
<input type="checkbox"/>	CWEK10030100	C-WEK-100	90-110	30	100	±50
<input type="checkbox"/>	CWEK12030120	C-WEK-120	120-130	30	120	±50
<input type="checkbox"/>	CWEK15030150	C-WEK-150	140-160	30	150	±50
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