



R-2001 & RK-2001 ROOF EXPANSION JOINT WITH STEEL CENTERING BAR



PRODUCT DESCRIPTION

The R - 2001 Series Expansion Joint Cover is an ideal Cover for Roof applications.

The Series is suitable for Roof Areas where Seismic/Multi-Directional Movement Accommodating profile is required.

The components of the R-2001 Profile are:

- Extruded Aluminium Cover Plate.
- Extruded Aluminium Support Frames.
- Elastomeric Rubber Vapour Barrier.
- Galvanised Steel Turnbar.
- Elastomeric Rubber Gasket.

The R - 2001 Series is a Full Aluminium Expansion Joint Cover Profile specifically designed for Roof Applications.

The Profile consisting of Aluminium Cover Plate, Support Frames and Galvanised Turnbar can easily accommodate Seismic/Multi-Directional Movement.

The Genotek Band Elastomeric Rubber Vapour Barrier is included with this profile in order to maintain the Watertight integrity of the roof.

To cancel out any metal to metal noise, the profile has Elastomeric Rubber Gaskets included between the Extruded Support Frames and the Cover Plate.

The Support Frames and the Cover Plate of the Profile can be customised as per the Parapet Size of the Roof, without causing an issue of the Sightline being smaller than the Covered Area.

The Cover Plate can also be provided in Stainless Steel Grade 304 or 316.

RECOMMENDED FOR

- Roof Areas where Less Foot Traffic is expected.
- Transitional Areas where Exterior Wall Joint Covers are used.

TECHNICAL DATA

Metal Cover Plate and Support Frames

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.

The Cover Plate is also available in Stainless Steel Grade 304 / 316.



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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.

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

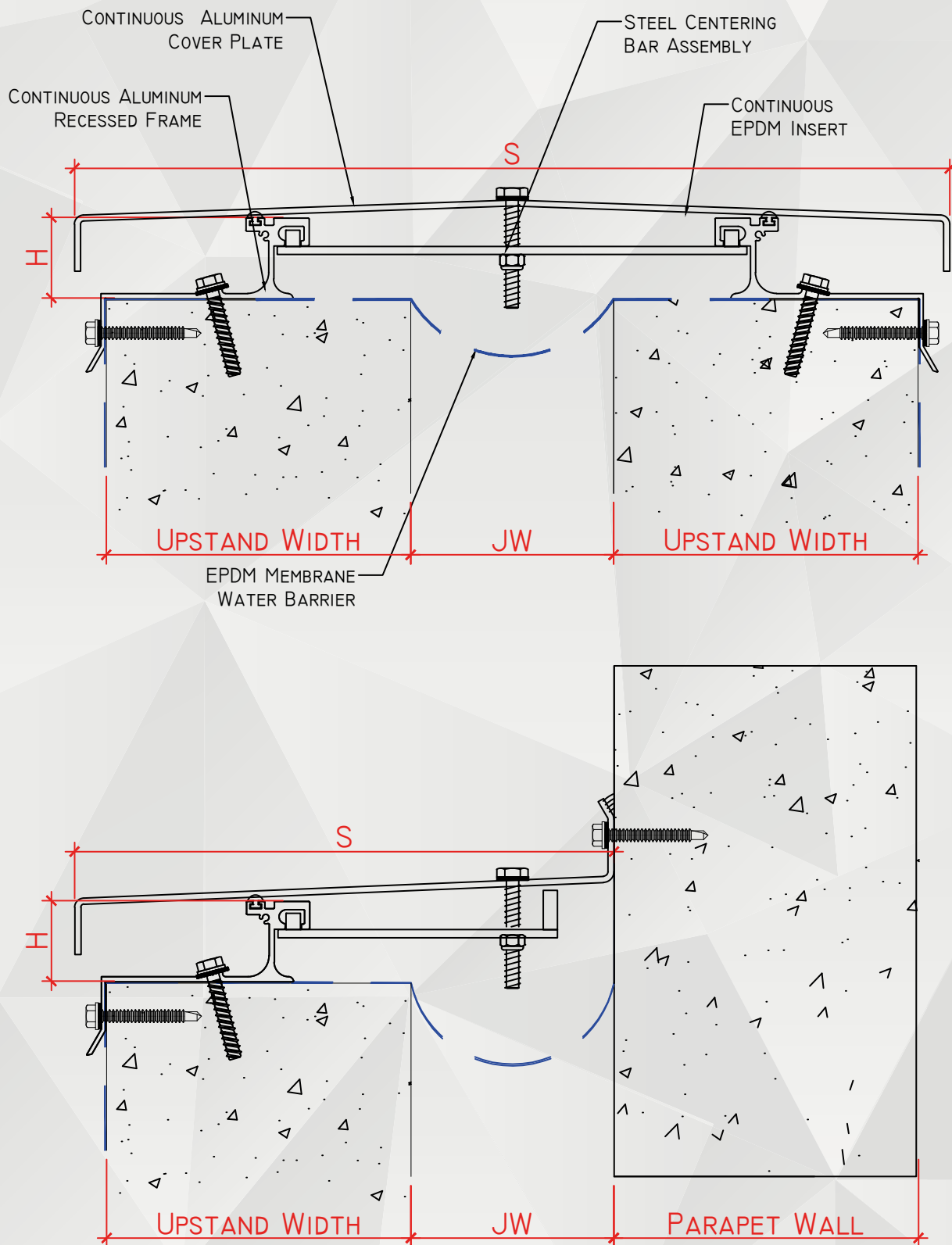
Kindly refer to the detailed GENOTEK installation instructions or contact your nearest GENOTEK Technical Centre for the same.

PACKAGING

- Aluminium Cover Plate & Support Frames: Standard Supply Length of 3.00 LM per piece..
- Moisture Barrier: Variable Length as per requirement.
- Accessories: Original Manufacturer Packing.



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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. KINDLY CONTACT GENOTEK TECHNICAL SUPPORT FOR SPECIFIC SIZE DEPENDING ON THE UPSTAND/PARAPET WIDTH.