



DRI-JOINT EVA

Pre-formed, closed cell cross-linked co-polymer foam made from ethylene vinyl acetate (EVA) material

Can be bonded to structural substrates with an epoxy adhesive to create an expansion joint system that is both waterproof & chemical resistant. It has excellent elongation, tear strength & durability.

FEATURES/BENEFITS

- Easily sized & placed onsite for various joint sizes
- Butt ends can be connected to make continuous waterproof lengths
- Waterproof & protects against hydrostatic pressure
- Good resistance towards chemical and de-icing salts
- Provides thermal shock & impact protection
- Short downtime

APPLICATION AREAS

- Vehicular & non-vehicular trafficable areas
- Bridge decks & ramps
- Walkways, sidewalks, foot bridges
- Tunnels, aqueducts, viaducts
- Multi-storey car parks
- Concrete slabs
- Tanks/containment areas
- Swimming pools/water features
- Etc.

TECHNICAL DATA

Density (ISO 845)	50 ± 10 kg/m ³
Tensile Strength (ISO 1798)	> 398 kPa
Elongation (ISO 1798)	> 398%
Compression Deflection (ISO 3386)	
10%	18 – 38 kPa
25%	33 – 57 kPa
50%	78 – 118 kPa
Compression-Set (ISO 1856)	
25% 22 hr COMP / 30 min REC	< 17%
25% 22 hr COMP / 24 hr REC	< 5%
50% 22 hr COMP / 30 min REC	< 38%
50% 22 hr COMP / 24 hr REC	< 27%
Max. Operating Temperature	60 °C
Water Absorption (ASTM D570-98)	< 1%

INSTALLATION METHOD

Dri-Joint EVA should be placed lengthwise next to the expansion joint. Verify that the joint material is 25% wider than the joint opening. In cold weather installations, joint materials' compression may be reduced. Conversely, in excessive heat, long intervals between joints, or other conditions that might indicate excessive movement, it may be necessary to have the joint material under additional compression.

Prepare the epoxy adhesive, Dri-Poxy EP 178, by mixing Part A and Part B homogeneously (please refer to the product data sheet for more information) until a uniform light grey colour is obtained without any dark grey or white streaks. Apply a generous amount of the epoxy adhesive on both sides of the substrate where the joint is to be installed, as well as on the sides of Dri-Joint EVA.

Compress Dri-Joint EVA and push it into the joint until it is recessed 1/16 to 1/8 inch below the surface. Once a joint has been started, do not stop until it has been completed. A margin trowel may be used to remove excess epoxy from Dri-Joint EVA. This must be done immediately.

LIMITATIONS

- When pushing down on the material, ensure to exert pressure only in a downward direction. If the material is pressed into the joint at an angle, it may become stretched. This may cause its performance to be affected.
- Wear suitable personal protective equipment during the installation of joint. Ensure that gloves are worn when handling epoxy adhesive.
- The open time and pot life of epoxy adhesives, including Dri-Poxy EP 178, will decrease with an increase of surrounding temperature.
- This product is for professional use only. Before using product, please read the safety data sheet (SDS) and instructions on packaging.

HEALTH & SAFETY

For information & advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned copies of which will be supplied on request.