

Enviro Elastoflex

High-movement Waterproof Joint Sealing Tape



DESCRIPTION

Enviro Elastoflex is a specially engineered, flexible TPE sealing tape for waterproofing construction, expansion and connection joints that are subject to high and irregular movement. Known for its excellent rebound resilience, it is compatible with most commonly used solvent-free coatings and can be securely bonded with solvent-free epoxy resins.

When fixed with a suitable adhesive such as Enviro Epoxy EF, Enviro Elastoflex provides a superior seal even when the joint moves in more than one direction.

AREAS OF USE

SURFACES: Solid, stable, and flat substrates prepared to suit the selected waterproofing or coating system.

AREAS: Construction, expansion and connection joints in wet rooms and other areas subject to high or multi-directional movement.

FEATURES & BENEFITS

- Accommodates high and irregular joint movement.
- Excellent rebound resilience
- Compatible with polymer dispersions, flexible cementitious slurries, and reactive resins
- Bonds securely with solvent-free epoxy adhesives
- Wide service temperature range (-20°C to 90°C)

PRODUCT INFORMATION

Packaging	150mm and 250mm Widths, 1.2mm Thick
Colour	Grey
Shelf Life	24 months from date of production in original sealed packaging
Storage Conditions	Store in a cool, dry place.
Compatible Membranes	Enviro Epoxy EF

PHYSICAL PROPERTIES

Property	Test Method	Test Result
Material	–	TPE
Thickness	–	1.2mm
Rupture Strain – Lateral	DIN 53504	>370%

Property	Test Method	Test Result
Rupture Strain – Lengthwise	DIN 53504	>350%
Application Temperature	–	-20°C to 90°C

COVERAGE RATE

Allow for overlaps of at least 50mm when calculating lengths.

SUBSTRATE PREPARATION

The surface must be solid, stable, flat, and free of oil, grease, and dust. Preparation depends on the type and composition of the substrate and the waterproofing system used.

APPLICATION

Installation: Cut Enviro Elastoflex to length and embed it into a freshly applied epoxy coating or adhesive, which acts as the bonding agent. Overlap adjacent strips by at least 50mm and smooth out any wrinkles with a trowel. Finally, apply 2–3 coats of the appropriate waterproofing system over the whole area, fully encapsulating the tape.

Overlapping: Bond overlaps with a cyanoacrylate (super-glue type) adhesive only – other adhesives are not suitable. Ensure surfaces are clean, dry, and free of oil, wax, or paint. Apply small dots along the overlap, press together firmly for 15–30 seconds and do not reposition. Leave undisturbed for at least 5 minutes; full bond strength is reached after 24 hours.

Compatibility: Carry out a compatibility test before applying additional products.

For applications or situations not covered above, contact EnviroSystems technical support.

CLEANING

Clean tools with water immediately after use. Dispose of offcuts as construction waste.

LIMITATIONS

- Overlaps must be bonded with cyanoacrylate adhesive only.
- Always test compatibility with the selected coating system.

HEALTH & SAFETY ADVICE

Enviro Elastoflex is non-hazardous according to Safe Work Australia criteria. As a precaution, provide good ventilation when installing with liquid membranes or adhesives, and wear gloves and eye protection. Refer to the



ACCESSORIES

Enviro Elastoflex

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Safety Data Sheet for full safety and handling procedures.

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to accuracy, reliability, or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

NOTE: Field service where provided does not constitute supervisory responsibility. Suggestions made by EnviroSystems, either verbally or in writing may be followed, modified, or rejected by the owner, engineer, or contractor since they, and not EnviroSystems, are responsible for carrying out procedures appropriate to a specific project.

NOTE: All products manufactured by EnviroSystems comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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