

Enviro Elastoflex

SPECIALLY ENGINEERED WATERPROOF JOINTING SYSTEM THAT ALLOWS FOR HIGH AND IRREGULAR MOVEMENT ACROSS CONSTRUCTION, EXPANSION AND CONNECTION JOINTS. WHEN FIXED WITH A SUITABLE ADHESIVE SUCH AS ENVIRO EPOXY EF, ENVIRO ELASTOFLEX WILL ENSURE A SUPERIOR SEAL EVEN WHEN UNDER MOVEMENT FROM MORE THAN ONE DIRECTION.

Enviro Elastoflex is a flexible sealing tape made from TPE, known for its excellent rebound resilience. It is highly compatible with most commonly used solvent-free coatings and can also be securely bonded using solvent-free epoxy resins.

APPLICATION SOLUTIONS

Enviro Elastoflex is engineered to perform reliably in demanding movement joint applications.

PRODUCT INFORMATION

Packaging: Enviro Elastoflex is supplied in standard widths of 150mm and 250mm at 1.2mm thick.

Colour: Grey.

Shelf life: Enviro Elastoflex can be stored in its original sealed packaging for 24 months from the date of production when stored in a dry cool place. If unsure, please contact Enviro systems for advice.

CLEANING

Tools are to be cleaned with water immediately after use.

DISPOSAL

Can be disposed of as construction waste.

Product Data

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	RESULTS
Rupture Strain - Lateral Direction	DIN 53504	>370%
Rupture Strain - Lengthwise Drection	DIN 53504	>350%
Application Temperature		-20°C to 90°C



WATERPROOFING



Directions for Use

SUBSTRATE PREPARATION IN WET ROOMS

The surface has to be solid, stable and flat, as well as free of oil, grease, dust. The preparation of the substrate depends on the type and composition of the substrate and the intended sealing system

USE

Cut Enviro Elastoflex to the required length and embed it into the freshly applied epoxy coating/adhesive, which will serve as a bonding agent. Ensure that adjacent strips overlap by at least 5cm. Any uneven areas or wrinkles can be smoothed out using a trowel. Finally, apply 2 to 3 coats of the appropriate sealant over the entire surface, fully encapsulating the sealing tape.

OVERLAPPING

Two pieces of Enviro Elastoflex can be overlapped and bonded using a cyanoacrylate adhesive (super glue type). Adhesives other than cyanoacrylates are not suitable for this material.

Ensure all surfaces are clean, dry, and free from oil, wax, or paint before bonding.

Apply a few small dots of cyanoacrylate adhesive along the intended overlap area on both surfaces. Press the pieces firmly together for 15 - 30 seconds to allow the initial bond to set. Do not reposition once joined.

Immediately clean the adhesive nozzle with a tissue and replace the cap securely.

Leave the bonded parts undisturbed for at least 5 minutes. Full bond strength is typically achieved after 24 hours.

CONSUMPTION

Consider an overlapping of at least 5 cm as per requirement.

INFORMATION ON FURTHER PROCESSING

The raw material provides excellent compatibility and a good bond with polymer dispersions, mineral flexible sealing slurries and reactive resins. A compatibility test is recommended before applying additional products.



Contact Enviro systems

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HEALTH & SAFETY ADVICE

Enviro Elastoflex is non-hazardous according to the Ordinance on Hazardous Substances, however, as a precaution, always provide good ventilation when applying. Wash off splashes of material with clean water, wear gloves and eye protection. If irritation is experienced seek medical advice. Refer to the Safety Data Sheet for full safety and handling procedures.

NOTE: Safety Data Sheets are available upon request.

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 of 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 Enviro systems either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Enviro systems are responsible for carrying out procedures appropriate to a specific application.

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