

DUROFABRIC JOINT SEAL TAPE (ELASTOBAND)



DESCRIPTION

The Durofabric Joint Seal Tape ElastoBand is an innovative detailing system designed for waterproofing and sealing all types of joints, junctions and general areas subject to movement. Featuring the central "Flexible Zone" the tape joint ElastoBand can accommodate movement in longitudinal, lateral and transverse directions enabling high elongation, rupture resistance, and up to 100% elastic recovery. The Durofabric Joint Seal Tape ElastoBand is easy to install and provides for considerable time saving efficiencies and durable properties over conventional ElastoBand breaking sealant and tapes.

Features :

- Approved bondbreaker system conforming to As3740
- Time saving simplified installation
- Eliminates need to sealant bond breakers and tapes
- Long term protection at critical joint intersections and movement zones.
- Accommodates movement in longitudinal and lateral directions with up to 100% elastic recovery.
- Constructed of a unique high strength rubber compound that is rupture, chemical and water resistant.
- Can be used in areas subject to full immersion.
- Compatible with Durotech class A, B and C membranes.

Application:

Suitable for commercial, industrial and residential application

USE AREA

For use as bond breaker at the following critical areas:

- Wall/floor junctions
- Substrate abutments
- Control joints
- Movement and expansion joints

Installing Durofabric Joint Seal Tape ElastoBand:

Measure and cut Duroproof joint band for all wall/floor junction areas. Apply first coat of membrane to approximately 150mm extending up walls and on to floors, and embed Durofabric Joint Seal Tape ElastoBand into wet bed of liquid membrane, ensuring fabric edges are fully wet out and no air bubbles exist behind the fabric. Rear rubber section of Durofabric Tape is not bonded to substrates. At sections where tape is to be joined, a minimum 50mm overlap is required. Durofabric Tape prefabricated Corners are available for both internal (900 C) and external (2700 C) junctions, enabling Durofabric Tape to overlap and avoid joint at critical areas. If Prefabricated corners are not used, Durofabric Tape is to have bottom leg cut and folded; ensuring fabric is completely bonded with the Durotech membrane.

TECHNICAL DATA :

Rubber	NBR (Acrylonitrile butadiene rubber)
Carrier Edging	Polyester fleece with lateral flexibility
Total Width:	120mm
Thickness	0.6 – 0.8mm
Rubber Width	70mm span, 20mm central stretch zone
Material Weight	50g/m

PHYSICAL PROPERTIES:

Shore a hardness	65
Temperature resistance	-20°C to 90°C
Tensile strength (DIN 53504)	>1.0N/mm ² lateral direction >7.0N/mm ² longitudinal direction
Rupture strain (DIN 53504)	>208% lateral direction >48% longitudinal direction lateral direction
Moisture vapour transmission Resistance coefficient	8.4
Equivalent air thickness sd	5.0



Water pressure resistance	3 bar
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Fire class (DIN, EN)	B3, F
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CHEMICAL RESISTANCE:

Lactic acid	5%
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Hydrochloric acid	3%
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Chloric acid	3%
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Sulphuric acid	35%
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Citric acid	10%
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Potassium hydroxide	20%
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Sodium hypochlorite	(0.3g/L)
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Sea water	Sea salt (20g/L)
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Lime milk	pH 12.5
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Sodium hydroxide solution	pH 14
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Diesel oil, grease, oil, paraffin	0 to 14pH
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MOVEMENT PARAMETERS:

Starting Joint Width	20mm (maximum)
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Movement capacity	No more than 50% of starting joint width
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PACKAGING

· 120mm x 50m is the size

PRECAUTIONS IN USE :

- Not compatible with solvent based material, e.g. adhesives, sealants or coatings.
- Not to be used as UV exposed joint seal in external applications.
- Do not apply when surface temperature is below 50 C or above 300 C
- For further information about this product contact technical department of Durotech Industries.

NOTES

It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc.) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Durotech Industries offers a service for pretesting adhesion to surfaces for large commercial areas or unusual substrates. For further details contact Durotech Industries.

Details contained in product data sheet are general. For any situation or items not cover in this data sheet, it is the responsibility of the applicator to check with Durotech Technical Services before commencing the application. A written confirmation will then be issued by Durotech Technical Services.

DUROTECH INDUSTRIES

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