

Technical Data Sheet ISSUED SEPTEMBER 2023

PRODUCT DESCRIPTION

The WPA Elastoband SG is an innovative detailing system designed for waterproofing and sealing all types of joints, junctions and general areas subject to movement. Featuring a series of pre punched holes for improved embedding Elastoband can accommodate movement in longitudinal, lateral and transverse directions enabling high elongation, rupture resistance, and up to 100% elastic recovery. Elastoband is easy to install and provides for considerable time saving efficiencies and durable properties over conventional bond breaking sealants and tapes.

Recommended for use as a bond breaker at the following critical areas:

- All horizontal and vertical transitions
- Substrate abutments
- Control joints
- Movement and expansion joints

FEATURES AND BENEFITS

- Time saving simplified installation
- Eliminates need for 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 all WPA membranes
- Suitable for commercial, industrial and residential applications

APPLICATION PROCEDURE

Measure and cut WPA Elastoband for all wall/floor junction areas. Apply first coat of membrane to approximately 150mm extending up walls and on to the floors, and embed WPA Elastoband into wet bed of liquid membrane, ensuring fabric edges are fully wetted out and no air bubbles exist behind the fabric. At sections where Elastoband Band is to be joined, a minimum 50mm overlap is required. Elastoband Prefabricated Corners are available for both internal (90°) and external (270°) junctions.

Performance Data and Physical Properties

Rubber:..... NBR (acrylonitrile butadiene rubber)
Carrier Edging:Polyester fleece with lateral flexibility
Total Width:..... 120mm
Thickness: 0.6-0.8mm

Material Weight: 50g/m
Surface Face: Fleece lamination
Shore A hardness:.....65
Temperature resistance:..... -20°C to 90°C
Tensile strength..... >1.0 N/mm² lateral direction
(DIN 53504)..... >7.0 N/mm² longitudinal direction
Rupture strain >208% lateral direction
(DIN 53504):..... >48% longitudinal direction
Moisture vapour transmission resistance coefficient μ :.....8.4
Equivalent air thickness sd:.....5.0
Water pressure resistance:3 bar
Fire class (DIN, EN):..... B3, F

Chemical Resistance

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

Movement Parameters

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

Limitations

Not to be used as UV exposed joint seal in external applications. Do not apply when surface temperature is below 5°C or above 30°C.

For further information about this product contact the WPA Technical Department.

Packaging

50m roll length.

SAFETY INSTRUCTIONS

For instructions on the safe use of WPA Elastoband SG please refer to the latest version of the Safety Data Sheet available from our website www.wpa-aus.com.au.

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WARRANTY CONDITIONS

Bayset Pty Ltd trading as Waterproofing Products Australia (Bayset) offers a limited warranty in respect of this product, subject to certain terms and conditions set out in the warranty documentation which has been made available at www.bayset.com.au. Please contact Bayset directly to obtain a copy of the warranty documentation relevant to this product.

DISCLAIMER

The technical information and application advice given in this Technical Data Sheet is based on the present state of Bayset Pty Ltd's best scientific and practical knowledge and is intended to give a fair description of the product and its capabilities. As the information contained 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 its accuracy, reliability or completeness, either expressed or implied, is given other than those required by law. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the product's suitability for a particular application and that the product is not used beyond its physical limitations. The user 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 Bayset Pty Ltd (trading as Waterproofing Products Australia) either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Waterproofing Products Australia, are responsible for carrying out procedures appropriate to a specific application. Australia either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Waterproofing Products Australia, are responsible for carrying out procedures appropriate to a specific application.

DOCUMENT CONTROL	
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