Fosroc®
Nitoband® SA

Self adhesive sealing system for critical joint areas in waterproof membrane applications

Uses

The Nitoband System has been developed as a superior alternative to traditional bond breaking methods for sealing critical movement zones. The Nitoband System is used in conjunction with Nitoproof water based membranes and is suitable for internal, external underground and fully immersed applications.

Advantages

- Simple self-adhesive installation – no time wasted waiting for joint sealants to sufficiently skin and cure
- High elongation and movement capabilities - able to withstand movement in both longitudinal and lateral directions
- Waterproof in its own right, which offers double protection when combined with a Nitoproof water based liquid membrane over-laid

Description

Nitoband SA is a non-woven polypropylene coated with a highly elastic self-adhesive butyl rubber designed and developed as a superior bond breaking alternative to traditional methods of sealing critical movement zones when used in conjunction with Nitoproof water based liquid applied waterproofing membranes.

Standards Compliance

Nitoband SA has been independently tested to the requirements of AS/NZ 4654.1 2012 and AS/NZS 4858:2004

The Nitoband System meets the requirements of AS 3740 and is suitable for use with Class I, Class II and Class III membrane systems as per AS4858 and AS4654.

Design Criteria

The substrate must be suitably prepared, clean, sound, stable and free of protrusions. It must be primed according to the substrate with either Nitoprime 115 or Nitoprime 120.

The Nitoband SA Tape is installed first before the Nitoproof water based liquid membranes.

Installation

Priming

Prime the area to be treated according to the substrate.

For porous masonry surfaces, Nitoprime 120 should be applied at approx. 7m²/L or for a more robust primer, apply one coat of Nitoproof 510 at 5m²/L (see TDS for further details on each).

For non-porous substrates, such as CFC, wet area timber, ceramic tile, metals and plastics, Nitoprime 115 should be applied at approx. 12m²/L (see TDS for further details).

Nitoband Corners

Nitoband SA can be used to form corner pieces which are positioned prior to laying longer lengths of Nitoband SA along floor to wall joints and other details.

Cut lengths of Nitoband SA tape 300 to 400mm long.

The corners should be formed by cutting a “V” section from half the width of the tape then folded into the corner and rolled securely with a small rubber roller.

Nitoband Tape

The Nitoband SA tape is then folded in half along its length and carefully positioned along the floor to wall joint with a 50mm overlap on to the corner piece.

Membrane application

Once the Nitoband SA is in place, the appropriate Nitoproof membrane can be applied according to the relevant product data sheet instructions.

Properties

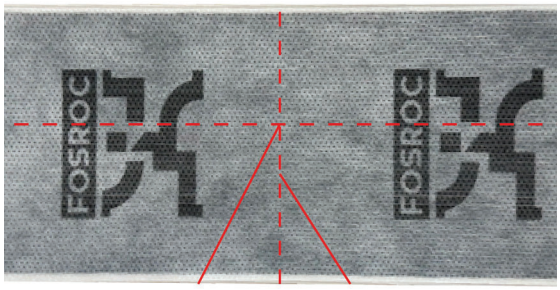
Form:	Butyl rubber coated non-woven polypropylene with release film
Width:	80mm
Thickness (without release film):	0.77mm
Weight (without release film):	730g/m² (+/- 5%)
Tensile strength:	30N/ 15mm longitudinal direction (DIN EN ISO 527-3) 19 N/ 15mm lateral direction (DIN EN ISO 527-3)
Elongation at break:	80% longitudinal direction (DIN EN ISO 527-3) 60% lateral direction (DIN EN ISO 527-3)
Resistance to temperature:	-30°C to +60°C
Water pressure resistance:	≥ 0.2 bar
Water absorption:	2% (AS4858.2004)
Moisture vapour transmission:	0.22g/m²/24h (AS4858.2004)
Chemical resistance:	Resistant to a wide range of chemical liquids

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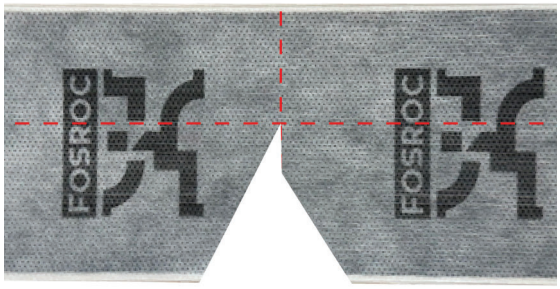
Forming Nitoband SA corners

Nitoband SA can be used to form corner pieces which are positioned prior to laying longer lengths of Nitoband SA along floor to wall joints and other details.

Step 1. Cut 300mm - 400mm lengths of tape to use as corners



Step 2. Cut to shape as shown below.



Step 3. Fold along dotted line to form the corner.



Supply

Nitoband SA Tape 80mm wide x 10m Roll	FC000669-UNIT

Storage

Store in clean and dry conditions.

Important notice

A Safety Data Sheet (SDS) is available from the Fosroc website. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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