



# W-EXPON

Ethylene propylene diene monomer flexible belt

## Description

A high performance joint sealing system for irregular or high movement joints, based on flexible sheeting and epoxy resin based Adhesive. When fixed to the joint, allows considerable movement in more than one direction, whilst maintaining a high quality seal

## Advantages

- Highly flexible waterproofing and vapor control system
- Fast, easy and secure application even in corners
- Provided with CE-mark according to EN 13984: 2011
- Meet fire retardant requirements of EN 13501-1 Class E under free suspension
- No additional mechanical fixing necessary
- Membrane pre-treatment free Suitable for uneven substrates (blowholes in concrete), leveling of substrate by adhesive
- Durable bond and barrier/seal
- Ozone- and UV-resistant

## Uses

- Tunnels and culverts
- Hydroelectric power plants
- Sewage treatment plants, Water retaining structures
- Roof joints, Basements
- Joints between rigid and flexible surfaces
- Around iron, steel and cement pipes
- Installed between structure and incorporated units (e.g. facade elements, windows, etc.)
- to provide a secure and durable vapour barrier and waterproof seal at junctions between building elements mainly in curtain wall facades
- ventilated facades and window installations

## Technical Information

PROPERTIES	RESULTS
Appearance	Elastic EPDM belt
color	Off white
Mass	800 GSM
Elongation at break (ISO 37)	620 %
Application temperature	5 - 40 °C
Tensile strength (ISO 37)	4 MPa

## Method of Application

- Prepare the surface to sound and clean and remove dust, grease, oil and loose particles.
- By using a clean spatula, spread the adhesive bead to approx. 4 - 5 cm width and 1 mm thickness.
- W-EXPON sheet tension-free and in a way that movement of the connected building parts can be accommodated without damaging the membrane.
- Press the membrane sheet on the adhesive by a plastic roller.
- The membrane might be re-adjusted during a period of 30 minutes after installation.

## Coverage

- It will give coverage of 20 m/roll.

## Limitation

- Cannot be used in area which is immersed in water  
Not resistance to oil, petroleum, benzene and some strong acids

## Packaging

- It is supplied in roll (length 20 m, width 6 inch and thickness 3 mm)

## Shelf Life

- 18 months from the date of manufacturing if stored in cool dry place under shaded area.

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