

TECHNICAL DATA SHEET

- Jointing Systems
- Polythene Builders Film
- Formwork
- Formworking Accessories
- Nails
- Tie Wire
- Loop Ties
- Waterproofing

Bitumen Road Tape

DESCRIPTION

Bitumen Road Tape is a self-adhesive rubberised bitumen tape, used to tape joins in civil precast elements such as culverts and pipes. The rubberised bitumen tape is backed with a stress absorbing geotextile fabric providing high strength, high elongation, crack inhibition and high performance waterproof seal.



APPLICATIONS

- Road surface sealing prior to final topping of bitumen & aggregate surface.
- Bridge, roof deck construction joints
- Culvert joint sealing
- Paved runways, footpaths and carparks
- Crack sealing prior to surface overlay or backfilling.

FEATURES

- Rapid Bond
- Simple and fast application (remove interleave and simply apply)
- Low water vapour transmission
- High puncture resistance (tree roots)
- High water pressure resistance
- Flexible, highly UV resistant, good sealing properties to substrate imperfections.
- Seals out moisture
- Stands up to high temp final hot asphalt pours / aggregate topping on roadways & carparks
- Highly resistant to mineral acids, alkalis, soils and salts (will never rot)
- Withstands vibration and movement of substrate

SET-UP RT PRIMER

If asphalt or concrete surface has a heavy aggregate surface texture, we recommend the use of SET-UP RT PRIMER as a prime coat direct to substrate to fill surface irregularities providing strong intimate contact with bitumen tape compound.

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ESTIMATING & SIZES

Set-up Bitumen Road Tape is available in 20m Rolls in in the following widths:

Code	Size	Weight	Box Qty	Pallet Qty
				
BRTS15020	150mm	4.40kg	4 Rolls	64 Rolls
BRTS20020	200mm	5.80kg	3 Rolls	48 Rolls
BRTS25020	250mm	7.00kg	2 Rolls	64 Rolls
BRTS30020	300mm	8.80kg	2 Rolls	32 Rolls
BRTS50020	500mm	14.00kg	1 Roll	32 Rolls
BRTS100020	1000mm	28.00kg	1 Roll	16 Rolls
BRPS20	20L	21kg	N/A	32 Drums

INSTALLATION STEPS

1. Remove dirt, grease, water and loose materials from surface
2. If asphalt or concrete surface requires priming, prime with SET-UP RT PRIMER. Set-up Bitumen Road tape can be applied directly after 30mins.
3. Remove the release paper liner at start of roll placing tape in position.
4. Unroll by removing the release paper as you apply.
5. Flatten or compress the applied tape using roller or cloth to remove any air bubbles forming the shape of the surface profile.
6. Roll all strips firmly in place ensuring a tight bond.

PROPERTIES

Set-up Road Tape has been tested to the following properties. Test reports available on request.

Property	Test Method	Result
Thickness	AS3706.1	2.0mm
Mass Per Unit Area	AS3706.1	2.2kg/m2
Adhesion Strength	ASTM D 1000	≥ 50N.25mm
Elongation	ASTM D 1000	49 %
Tensile Strength	ASTM D 1000	186 (N/25mm)
Service Temperature		-20 - 95 °C
Application Temperature		+5°C - +45°C
Hydrostatic Pressure Resistivity	ASTM D5385	≥680kpa.h*
High Temp Intermittent Exposure of Geotextile Backing		190°C
UV Stability		Excellent
Degradability		Will Never Rot

STORAGE

Keep stored away from direct sunlight in a cool dry place.

DISCLAIMER

Set-Up products are manufactured to the highest quality, and if used in the correct applications and in accordance with all directions, will produce quality and consistent results. However Allcon Group Pty Ltd accepts no responsibility for inappropriate usage or faulty workmanship by the end user.

Product: Bitumen Road Tape
Issue Date: 25 July 2024

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