

BITUMEN ROAD TAPE

www.gripset.com

TECHNICAL DATA SHEET

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Description

The Elastoproof Bitumen Road Tape is a high strength reinforced bitumen strip with self adhesive properties designed for direct use over pavements and road surfaces before the application of asphalt sheeting. Ideally suited for sealing joints in asphalt and concrete roads and culverts, as well as assisting in the control of reflective cracking in pavements. Easily applied with a self adhesive backing that can bond directly to asphalt, bitumen and concrete surfaces, the Elastoproof Bitumen Road Tape aids stress relief over joints before the overlay of asphalt. Versatile for general pavement maintenance and new road works.

Features & Benefits

- * Self adhesive, enabling ease of application
- * Excellent adhesion properties to asphalt and concrete substrates
- * User friendly for applications on long and short runs
- * Outstanding bonding surface for asphalt overlays
- * OHS and environmentally friendly, as a cold applied system requiring no heating or use of solvents
- * Quick installation time, allowing immediate application of asphalt layers
- * Compatible with a range of pavements and slurry products

Application

- * Bitumen Road Tape is suitable for civil, industrial and commercial applications

Uses

- * Reduces crack reflection on road pavements
- * Sealing joints of pavements, concrete roads and culverts
- * High strength joint reinforcement between different substrate joint abutments for road extensions
- * Bridge deck and suspended structural joints
- * General road and pavement maintenance
- * Protective joint underlay before asphalt re-surfacing
- * *All the above uses are based on being finished over with an asphalt layer*

Surface Preparation

- * Surfaces must be clean, dry and free from surface residues, including loose stones, spurs, aggregate etc.
- * Surfaces affected by oil deposits/residues must be degreased with Gripset DG
- * Loose or separated asphalt, crumbling sub bases and broken surfaces must be removed and regulated using Gripset Cold Mix filling compound or Gripset Patchphalt repair compound, ensuring all affected areas and surface voids are even and full.
- * Cracks in excess of 3mm wide to be filled with Gripset Cold Mix filling compound or Gripset B29 high build coating

Installation

- * For general surfaces, apply strip directly to the substrate.
- * On concrete surfaces or areas that may be coarse or milled, it is recommended to apply Gripset B04 Tack Primer to surface at coverage of 1 litre/5m². Allow 10 minutes drying before laying sheet
- * Unroll the strip by placing centrally over the joint to be treated, aiming to have even distribution of joint band on both sides of centre line
- * Remove the release paper from the rear of the strip and place onto the primed surface, ensuring the starting edge is pressed into position. Continue slowly unrolling the band in position
- * Ensure waves, bubbles and creases are removed. Best results achieved by pressing the Bitumen Road Tape onto the surface with a straight edge tool or spatula while the roll is being unwound
- * Minimum temperature of asphalt must be 130°C and is to be applied directly over the Bitumen Reinforcement Joint Band, to ensure optimum cohesive properties between the old and new surfaces

Storage

- * Product is best used within 12 months of purchase, however properties of product will be unchanged if stored correctly
- * Best stored at room temperature in dry internal conditions between 5°C and 35°C
- * Store away from frost

Packaging

- * Length - 15m rolls
- * Width – standard 125mm, 250mm and 330mm, 500mm. Other widths available

Precautions

- * Not to be used as a finished road surface
- * Application to be coordinated as the stage before asphalt is laid. Do not leave exposed for long periods uncovered, to avoid mechanical damage.
- * Do not apply solvent based surface finishes or adhesives directly over this product
- * For further information contact technical department of Gripset Industries

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Technical Data

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| Colour | Exposed face – off white, underside – black |
| Thickness | 1.6mm |
| Tensile Strength at break (ISO 9073-3): | 780 N/5cm |
| Elongation at break (ISO 9073-3): | 38% |
| Shrinkage (BS 747 B4): | 0.35%, 60 mins @ 200°C |

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Product Disclaimer

This Product Data Sheet (PDS) 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 PDS 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. Gripset Industries 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.