

ASPHALT CRACK SEALING BAND

www.gripset.com

TECHNICAL DATA SHEET

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Description

The Elastoproof Asphalt Crack Sealing Band is a bitumen polymerised tape designed to seal and bridge road cracks, preventing water ingress into the road subgrade. A high quality alternative to heat applied crack sealing methods, the Asphalt Crack Sealing Band is self adhesive and once it is bonded to the road surface, bridging and adhesion properties are enhanced by the band being pressed into and over the crack by subsequent traffic, forming a long lasting seal to the treated area. The Asphalt Crack Sealing Band increases the bitumen quantity at localised connection points which not only seals but prevents progressive deterioration of cracks.

Features & Benefits

- * Cold applied self adhesive
- * Environmentally safe alternative to heat applied and solvent based crack sealing
- * Excellent adhesion properties, that are enhanced with traffic
- * Increases bitumen quantity at affected areas, as material is pushed into the crack
- * Reduces water ingress into road and pavement cracks
- * Assists in the prevention of localised sinking, loss of sub grade, swelling, lifting and deterioration from weathering phenomena
- * OHS and environmentally friendly
- * No drying times or concern of imminent rain once product has been applied
- * Ease of installation with trolley apparatus
- * Bonds to asphalt, concrete, steel and general building substrates

Application

- * Asphalt Crack Sealing Band is suitable for civil, industrial and commercial applications

Uses

- * Connecting seal between existing asphalt and new asphalt layers
- * Connecting seal between asphalt and concrete gutters/kerbs
- * Connecting seal between asphalt and border edges of sumps, grates etc.
- * Connecting seal between new asphalt installation

Surface Preparation

- * Surfaces must be dry clean, dry and moisture free
- * Surfaces must be free of surface residues, including loose stones, spurs, dust and aggregates
- * Surfaces affected by oil and grease deposits/residues must be degreased with Gripset DG
- * Cracks greater than 10mm wide are to be filled using: Gripset B29, Gripset B26 or Gripset Cold Mix filler

Installation

- * The Asphalt Crack Sealing Band is applied using the Sealing Band trolley
- * Placed tape centrally over the crack/joint and press front wheel of trolley along the line of the crack. The Asphalt Crack Sealing Band will press into position
- * If surface temperature is below 15°C, apply Gripset B04 to the surface as a primer at a coverage of 1 litre/6m². Ensure primer is dry before applying the sealing band
- * Abut Crack Sealing Band strips when joining rolls onto the substrate
- * Traffic can be applied immediately once tape is laid onto the surface

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 40°C
- * Not affected by frost

Packaging

- * Standard length – 12.5m
- * Standard thickness – 4mm
- * Standard width – 40mm

Precautions

- * Not to be used as an expansion joint sealant or for movement joints designed to expand and contract
- * Do not apply onto a wet or moist surface
- * For further information contact technical department of Gripset Industries

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Technical Data

Colour	Black
Thickness	4mm
Softening Point (EN1427):	> 200°C
Density at 25°C (EN 13880-1)	1.21kg/m ³
Cone Penetration at 25°C (EN 13880-2)	22mm
Resilience at 25°C (EN 13880-3)	6mm
Skid Resistance (CNR A.XIX n° 105)	>60 BPN
Adhesion to Concrete (DIN 1996-19)	76N/cm ²
Plasticity/Impact Strength (DIN1996-19)	75%
Shore A Hardness (ASTM D 2240)	70

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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.