

BITUMEN CRACK SEALER & PROTECTIVE COATING

www.gripset.com

TECHNICAL DATA SHEET

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Description

Gripset B26 is a cold applied alternative for crack sealing asphalt and bitumen surfaces. It possesses flexible and fast drying properties, enabling vehicular traffic after 15 minutes of application. In addition to the crack sealing properties, as a modified enhanced bitumen compound Gripset B26 is also a suitable protective coating or thixotropic bitumen paint for a wide range of substrates.

Features & Benefits

- * Solvent free, non toxic and free of dangerous odours
- * Fast drying properties
- * Excellent adhesion properties
- * Excellent crack bridging properties
- * Forms a flexible non tacky film
- * Excellent water resistance
- * Resistant to sulphates, ground salts, diluted acids
- * Can be applied over damp surfaces

Application

- * Gripset B26 is suitable for Construction, Industrial, Rural and Automotive applications.

Uses

- * Asphalt crack sealer, cold application without heating requirements
- * Bitumen sealing compound for horizontal joints and gaps
- * Pourable joint filler on bitumen/asphalt surfaces
- * Protective bitumen paint against moisture, salt and chloride attack
- * Bitumen primer coat or sealer coat
- * Corrosion protection between metal surfaces
- * Damp coursing
- * Sealer coat on curtain walls before cladding

Surface Preparation

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, stable, dry, and clean. Rough surfaces are to be evened or filled first (refer to Gripset 11Y) and very smooth shiny surfaces should be etched or lightly sanded. Building surfaces must be constructed to manufacturer's recommendations and relevant building standards in force at time of application. Surfaces are to be free of sharp protruding surfaces, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats or grease remains.

Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding or equivalent methods. For thorough surface preparation, refer to Gripset SC (algae and moss remover) and Gripset DG (water based oil degreaser) products.

Application & Coverage

- * Before applying product, slowly stir product to ensure a homogenous consistency
- * Gripset B26 can be applied by spray unit or spout pouring equipment for crack sealing applications. Coverage will depend on depth and width of crack; as a guide 1 litre will cover approximately 80m length at 2mm width and 5mm depth.
- * For brush and roller applications as protective bitumen paint, 1 litre will cover approximately 4m² on porous surfaces and 6m² on non-porous surfaces. More details can be provided by Gripset Technical Services.

Reinforcement

- * If reinforcement is required over joints, sheet laps or cracked areas, Gripset RF Fabric is to be embedded in between coats of Gripset B29 before the application of Gripset B26. Refer to Gripset B29 data sheet for more information.
- * If applying over movement areas, subject to expansion/contraction, Gripset Elastoproof Joint bands can be used. Refer to Elastoproof Product Data sheets or contact Gripset Technical Services for more details.

Precautions

- * Do not apply to areas when rain is imminent
- * Not to be used as a sealant or filler over expansion or movement joints
- * Do not apply when surface temperature is below 5°C or above 35°C.
- * Not to be applied over glass or glazed surfaces
- * Not to be used in areas where solvent or petroleum based products may be spilled
- * Not to be used in areas subject to negative hydrostatic pressure
- * Not to be used as a waterproof membrane in immersed areas. Refer to Gripset 51 or other Gripset membrane details
- * Material Safety Data sheet (**MSDS**) available

For further information about this product contact technical department of Gripset Industries

Storage & Packaging

- * Best stored at room temperature.
- * Avoid cold freezing conditions and off concrete floors.
- * Do not store in direct sunlight.
- * Shelf life is 12 months in original unopened container
- * Available in 15 litre pails, 200 litre drums, 1000 litre Schutz units

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Clean Up

- * In water while wet.
- * Once dried product needs to be removed mechanically or by solvent.

Technical Data

Appearance	Wet film - dark brown; Dry film – black/charcoal
Specific Gravity	1.05kg/litre
Solid Content (ASTM D-2939/8)	60%
Drying Times (400 micron)	Tack Free: 10 mins Trafficable: 15-20 mins
Shore A Hardness (ASTM D2240-97)	50
Tensile Strength (AAS1145-1989)	0.35MPa
Elongation (AS1145-1989)	300%
Water soluble	100% Soluble in wet state
Toxicity	Nil
Flammability	Nil
VOC Content (ISO 13741-1)	0.005g/litre
Cured Film	
Resistance to water	Excellent
Resistance to diluted alkalis	Very Good
Resistance to diluted acids	Excellent
Resistance to solvents	Poor

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.

Notes

It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Gripset Industries offers a service for pre testing adhesion to surfaces for large commercial areas or unusual substrates. For further details contact Gripset Industries. Details contained in product data sheets are general. For any situation or items not covered in this data sheet, it is the responsibility of the applicator to check with Gripset Technical Services before commencing the application. A written confirmation will then be issued by Gripset Technical Services.

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