

ASPHALT RESURFACER

www.gripset.com

TECHNICAL DATA SHEET

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Description

Gripset B09 is a cold applied bituminous surface treatment designed to rejuvenate oxidised substrates by replenishing the binder content in the asphalt layer. Developed using unique polymer technology, the Gripset B09 provides a high performing modified bitumen with outstanding adhesion and durability properties that is able to be used in numerous civil, maintenance and construction applications.

Besides the ability to blend with fine sand (50-600micron) to enhance pitted asphalt surfaces and filling in pores to ensure the surface is correctly filled and sealed, the Gripset B09 has a cross linking property with Portland cement enabling the addition of cement to offer greater durability and rapid water ponding resistance in conditions when rain is imminent after application. *Refer to Application section for details*

Features & Benefits

- * Solvent free, non toxic and free of dangerous odours
- * Fast drying properties
- * Outstanding adhesion properties
- * Excellent durability
- * Non tacky
- * Excellent water resistance
- * Non slip
- * Resistant to sulphates, ground salts, diluted acids
- * Ability to blend with sand for repair of pitted surfaces
- * Cross linking property with cement to offer greater durability and rapid drying.
- * Can be applied over damp surfaces (when incorporating cement)

Application

- * Gripset B09 is suitable for Construction, Industrial, Rural and Maintenance applications

Uses

- * Rejuvenating oxidised asphalt
- * Re-surfacing pitted asphalt layers with an enhanced weather protective coating
- * Airfields
- * Secondary roads, residential streets and car parks
- * Bicycle paths, foot paths, lane ways
- * Asphalt driveway surfaces
- * Repairing existing asphalt sport surfaces

Surface Preparation

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, stable, dry, clean and free of dirt and foreign matter. Pavement surface repairs are to be made good with Gripset Bitumen Cold Mix, or Gripset Patch-phalt repair compound. All cracks are to be repaired using Gripset B26 Crack Repair method. Any surfaces containing oil, grease or wax residues, Gripset DG (water based degreaser) is to be used to remove all traces, enabling proper adhesion to the substrate. If surfaces have been affected by algae, moss etc, apply Gripset SC (algae and moss remover).

Application & Coverage

Stir product before using. Gripset B09 can be applied by spray unit, manual squeegee or self propelled mechanical squeegee units (ideally suited for large air fields, car park areas, etc.). Coverage will depend on porosity and condition of existing surface. When used independently, Gripset B09 should be applied at 1 litre/2m² on a standard surface. Best method applied in 2 coat application for optimum durability

Addition of sand

Sand can be added to the B09 compound to improve the filling and sealing ability when re-surfacing existing asphalt substrates. When adding sand it is recommended to use a wash grade quality with the recommended size ranging from 50-600micron. Measuring on parts by volume, quite simply add 1 part of sand to 2 parts of the Gripset B09 compound and stir at medium speed to ensure an even dispersion is achieved. Product can be immediately applied once sand has been mixed correctly and is suspended in the compound. *Addition of sand will increase volume of product, enabling improved coverage efficiencies.*

Addition of cement

Cement can be added to Gripset B09 to offer greater durability and faster drying properties in cool conditions or when rain is imminent within 4 hours of the application. If incorporating cement, using the instructions above of sand addition, the cement should be added at a ratio of 1 part cement to every 6 parts of sand measuring on parts by volume. Once cement has been added, contents must be used within 4 hours.

Packaging & Storage

- * 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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Precautions

- * Not designed for major road re-surfacing
- * Do not apply when surface temperature is below 5°C or above 35°C.
- * Not to be used in areas where heavy or continuous solvent or petroleum spillage may occur
- * Not to be used in areas subject to negative hydrostatic pressure
- * Not to be used as a waterproof membrane
- * Material Safety Data sheet (**MSDS**) available
- * For further information about this product contact technical department of Gripset Industries

Clean Up

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

Technical Data

Appearance	Wet film - dark charcoal; Dry film - black
Specific Gravity	1.05kg/litre 1.3kg/litre – when sand added
Solid Content	68%
Drying Times	Tack Free: 20 mins Re-coat: 30 mins Weatherproof film: 4-6 hours <i>Cement addition will improve above times</i>
Adhesion & Water Resistance	No penetration or loss of adhesion <i>Addition of cement slurry will enhance adhesion and water resistant properties</i>
Resistance to Heat	No blistering/sagging when applied to spec
Flexibility	No cracking, flaking
Water Soluble	100% soluble in a wet state
Toxicity	Nil
Flammability	Nil
Resistance to Impact	No chipping, flaking or cracking
Water Absorption	3%

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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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.