

CONCRETE CRACK FILLER

www.gripset.com

TECHNICAL DATA SHEET

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Description

Gripset C-26 is an innovative liquid compound providing hard wearing, high abrasion resistant, waterproof crack sealing to concrete substrates exposed to varying climatic conditions, UV light, foot and vehicular traffic. Possessing flexible and fast drying properties, Gripset C-26 enables vehicular traffic after 20 minutes of application.

Features & Benefits

- * Solvent free, non-toxic and free of dangerous odours
- * Trafficable – pedestrian and vehicular traffic
- * Durable, hard wearing finish
- * Fast drying properties
- * Excellent adhesion and penetration properties
- * Excellent crack bridging properties
- * Forms a flexible non tacky film
- * Excellent water resistance
- * Non slip finish
- * Resistant to sulphates, ground salts, diluted alkalis

Application

- * Gripset C26 is suitable for Commercial, Industrial and Civil applications

Uses

Waterproof sealing of cracks and non movement joints in concrete substrates to areas including:

- * Roads
- * Walkways/footpaths
- * Carparks
- * Podiums, and decks
- * Exposed roof surfaces
- * General horizontal concrete surfaces exposed to weather

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 C26 can be applied by Enviro Crack Sealing unit; spout pouring equipment or squeeze bottles. Coverage will depend on depth and width of crack; as a guide 1 litre will cover approximately 60m length at 2mm width and 5mm depth.
- * It is recommended to check the surface condition of the seal after 24 hours. If any signs of shrinkage or sinking are evident, re-apply Gripset C26 to the surface until the joint is filled and all shrinkage areas are covered

Important

- * Gripset C26 is not recommended to fill cracks wider than 15mm
- * Concrete joints with a depth greater than 40mm require a foam backing rod inside depth of joint before filling

Reinforcement

Important: For Treatment of movement joints subject to expansion/contraction Refer to Elastoproof Joint Band 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 40°C.
- * Note to be used for cracks >10mm
- * Not to be applied over glass or glazed surfaces
- * Not to be used in areas where heavy 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 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

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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 - grey; Dry film – light grey
Specific Gravity	1.21kg/litre
Solid Content (ASTM D-2939/8)	74%
Drying Times (Based on ambient temperatures of 20% with 50% Relative Humidity)	Tack Free: 10-15 mins Trafficable: 20-30 mins
Shore A Hardness (ASTM D2240-97)	74
Tensile Strength (AAS1145-1989)	1.21MPa
Elongation (AS1145-1989)	240%
Water soluble	100% Soluble in wet state
Toxicity	Nil
Flammability	Nil
VOC Content (ISO 13741-1)	0.075g/litre
Cured Film	
Resistance to water	Excellent
Resistance to diluted alkalis	Excellent
Resistance to diluted acids	Very Good
Resistance to solvents	Moderate

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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