

# bitugrip

## Roofing felt adhesive

### DESCRIPTION

**bitugrip** is a fibre-filled bituminous solution.

### USES

- Adhesive for the cold bonding of roofing membranes (**malthoids**) to substrates and to themselves when working to methods laid down in SABS Code of Practice 021/1973.
- Can be used to rejuvenate sound old roofing felt.

### FEATURES & BENEFITS

- Obviates use of hot bitumen.
- Easy to apply cold liquid.
- Filled for optimum coverage.
- Economical
- Asbestos free

### SURFACE PREPARATION

All surfaces to be clean, dry and sound. Surfaces to be treated should be checked by moisture meter and found to be in the 'safe' area before coating.

### BONDING / PRIMING

Cementitious surfaces must be primed with **abe bituprime**, which must be allowed to dry, before membranes are laid.

### MIXING

Stir well before use.

### COVERAGE

Practical coverage: 1,2 m<sup>2</sup>/l

### APPLICATION

Application is by stiff brush. Membranes must only be perimeter sealed over about 300 mm width and spot bonded for a first layer. Subsequent layers are fully bonded to the first layer. Membranes must be laid into still wet adhesive.

### TYPICAL PHYSICAL PROPERTIES OF WET MATERIAL

Density	1,04 g/cm <sup>3</sup>
Consistency	High viscosity
Colour	Black
Flash Point	23° C
Drying time @ 25° C	24 hours

### TYPICAL PHYSICAL PROPERTIES OF DRY FILM

Toxicity	Dry film non-toxic
Max service temperature	60° C
Min service temperature	-10° C

On timber roofs the first layer is laid with perimeter sealing and the rest of the area is nailed at approximately 500 mm centres using corrosion resistant clout nails. Subsequent layers are fully bonded to the first layer. Membranes must be laid into still wet adhesive. Bonded joints should be rolled immediately with a 50 kg roller to expel any entrapped air and to ensure good overall adhesion.

### ROOF REJUVENATION

**bitugrip** may be used for rejuvenating old, but still intact, roofing felts. The surface must be clean, sound and dry. Apply **bitugrip** at approximately 1 l/ m<sup>2</sup> over the entire surface. Leave exposed for 4 - 6 weeks and then finish with a coat of **abe silvakote**.

### CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe super brush cleaner** followed by washing with soap and water.

### TEMPERATURE AND RELATIVE HUMIDITY

Application temperature range: +5° C - +40° C.

### MODEL SPECIFICATION

Adhesive for the cold bonding of unmodified roofing membranes such as Malthoid.

The adhesive will be **bitugrip**, a fibre-filled, solvent-borne, bituminous adhesive applied in accordance with the recommendations of **abe Construction Chemicals**. The adhesive will have a density of 1,04 g/cm<sup>3</sup>.

### PACKAGING

1 l, 5 l and 25 l containers.

### HANDLING & STORAGE

This product has a shelf life of 24 months from date of manufacture if kept in a dry cool place in the original packaging and under cover. In more extreme conditions this period might be shortened.

### HEALTH & SAFETY

Wet material is flammable. Toxicity: Solvents are toxic.

Ventilate working area well during application and drying. Avoid flames in vicinity. Always wear gloves when working with the material and avoid excessive inhalation and skin contact. If material is splashed in the eye, wash with plenty of clean water and seek medical attention.

Cured **bitugrip** is inert and harmless

### IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **abe Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or

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## Technical data sheet

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information is accurate and correct, the company cannot - because **abe** has no direct or continuous control over where and how **abe** products are applied - accept any liability either directly or indirectly arising from the use of **abe** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

#### **FURTHER INFORMATION**

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **abe Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.

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## **Technical data sheet**

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