



TufGuard BE

Bitumen Emulsion Foundation Protection Coating

Uses

Bitumen based water proof coating for roofs and foundations, can also be used as a protective coating for concrete and wood surface.

Typical Applications & Advantages

- Vapor Permeable- allows substrate to breathe.
- Reduced chloride penetration due to hard, impermeable surfaces.
- Simple and easy to use, no skilled labor required. Single component, use as supplied.
- Solvent free.
- Cold applied, no heating required.
- Non slump.
- Easy application due to paintable consistency, suitable for new and old concrete.

Product Description

TufGuard BE is a non-fibrated bitumen emulsion coating of brushing consistency which dries to give a firm, flexible, waterproof and protective membrane. **TufGuard BE** is suitable for the treatment of concrete, asphalt, metal, roofing felt and other similar roofing surfaces that are flat, sloping or vertical. Protection of foundation, retaining wall of steelwork, pipes and metal.

Typical Properties

Specific gravity	: 1.00 @ 25±2°C
Drying times@ 25°C	: 6-8 hours per coat
Appearance	: Dark black/brown

Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

Surface Preparation: Surfaces to which **TufGuard BE** is to be applied must be clean, free of dirt, dust, rust or any other material which may impair adhesion. Where moss or lichen is present, remove sheets. Cut and reseal blisters in asphalt or roofing. Remove chippings other than

those that form the surface of mineralised felt. Old concrete and steel must be structurally sound prior to application.

Application: Apply by brush or roller. Two or more coats must be applied to ensure a durable finish. Second and subsequent coats should be applied at right angles to each other once previous coats have fully dried. **TufGuard BE** may be applied to damp but not wet surfaces, dampen brushes before and occasionally during use to avoid clogging and ease application. During hot, dry weather application may be assisted by dampening the surfaces to be treated.

Reinforcing System: For slate roofs or where the roof is in poor condition, a reinforcing membrane should be incorporated into the coating. Carry out surface preparation as above and apply the first coat of **TufGuard BE**. Whilst still wet, bed in the reinforcing fabric brushing in well to ensure good adhesion. Adjacent areas of membrane should overlap by 75mm. After the fabric has been well bedded in, apply a second coat **TufGuard BE**. Apply two further coats **TufGuard BE** ensuring the previous coat is fully dries prior to subsequent applications. Clean tools with water whilst wet. When dry, white spirit or paraffin should be used.

Coverage

Coverage rates vary according to the density, porosity and texture of the concrete to be treated. Typically a coverage rate of 3-5m² per litre can be expected.

Packaging & Storage

TufGuard BE is supplied in 200 litre units and it has a minimum shelf life of 12 months provided it is stored under cover, out of directly sunlight.

Health & Safety Precautions

TufGuard BE does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with





TufBond

plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information refer to the Material Safety Data Sheet available for this product.

Important note

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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