

GENERAL DESCRIPTION

AXELBIT 101WB is a cold applied, specially processed emulsified thixotropic bitumen waterproofing compound. When AXELBIT 101WB is dried, forms a flexible film which acts as a barrier to vapour transmission.

AXELBIT 101WB also can be reinforced with mineral fibers to form a high tensile strength membrane when laid over any concrete structure.

RECOMMENDED USES

It can be used as a damp proofing or waterproofing membrane in basement walls, R.C. flat roofs, ground floor slabs, bridges, plinths and etc. It is suitable for repair of crack lines up to 3mm wide.

CHARACTERISTICS & ADVANTAGES

- * Economical
- * Easy to use.
- * Fortified with glass fibers to bridge gaps, and form a continuous flexible membrane.
- * Good adhesion to R.C. slabs, and masonry finishes.
- * Resistance to sulphate and most ground salts.
- * Water based

COVERAGE

Approximately 1.0 - 1.3m²/kg at 500um DFT
(Coverage may vary depending on substrate conditions)

COLOURS

Black

PACKING

20 kg per pail

STORAGE

Store in a dry, cool and shaded place



AXELBIT 101WB

Emulsified Bitumen Waterproofing System

SURFACE PREPARATIONS

Surfaces should be structurally sound, clean and free from loose particles, oil, grease or any other contaminants. Ensure that all concrete bases are cured for at least 28 days. Repair all cracks, unsound concrete or honeycombs with **AXEL EMBED 301R**.

METHOD OF APPLICATION

- * Stir well before using.
- * **AXELBIT 101WB** is applied straight from the container by brush or roller.
- * Primed the surface if desired by diluting the **AXELBIT 101WB** with approximately 10-20% water.
- * Apply first coat and allow to dry off completely, then apply second coat in opposite direction.
- * A layer of glass fiber could be applied between first coat and second coat of **AXELBIT 101WB** for reinforcement to form a high tensile strength membrane.
- * Protect the coating from rain or getting damage until fully cured.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of components	One
Specific gravity	1 ± 0.02 kg/litre
Solid content	45 ± 5 %
Thinning	Water if desired
Application temperature	5-50°C
Drying time (28°C)	Tack free : 2 hours depending on temperature and humidity Firm set : 24 hours

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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