

BW40



Water Based Bitumen Coating

DESCRIPTION

S.S. BW40 is a black/brown emulsified cold applied bitumen liquid reinforced with rubber, acting as dampproof, vapour barrier for concrete and masonry, and as a general purpose primer for bituminous membranes.

APPLICATIONS

S.S. BW40 provides a vapour barrier, protective coating, and curing compound for:

- . Under ground concrete foundations.
- . Concrete and masonry block walls.
- . Walls below cladding systems.
- . Concrete slabs.
- . Basement walls.
- . Works as a primer for concrete, masonry surfaces, before applying waterproofing bituminous membranes.

ADVANTAGES

- . Resists attack by chlorides and sulphate ions present in ground water.
- . Easy to use.
- . Economical.
- . Water base, has no solvents.
- . Does not rot.

STANDARDS

S.S. BW40 complies with ASTM D1227-95, Type II, Class 2.

METHOD OF USE

SURFACE PREPARATION

Surface preparation is very important to get the highest performance of S.S. BW40. Any surface to be coated must be clean, sound and free of oil or grease. Any oil or grease contamination should be removed with a chemical degreaser. All holes should be filled with a suitable cementitious mortar before application of S.S. BW40.

CHARACTERISTICS

Appearance	Liquid
Density	1.05 ± 0.05 g/cm ³
Over Coating Time	8 hr
Application Temperature	5 - 45°C
Dry Time	2 - 4 hr
VOC	< 40 g/L

APPLICATION

It is recommended that two coats of S.S. BW40 be applied at a rate of 3 - 5 m²/litre per coat. The second coat should be applied at right angle to the first coat. Allow a minimum of 2 hours between coats. Stir well before use. When used as a general purpose primer for bituminous membranes or other top coats, S.S. BW40 may be diluted with fresh clean water at a 1:1 ratio (by volume) and applied in one coat at a rate of 3 - 5 m²/litre. The diluted coat should be let to dry before the application of the top layer. S.S. BW40 may be applied by brush, broom or squeegee.

CLEANING

Tools and equipment can be cleaned with water when still wet.

PACKAGING

S.S. BW40 is available in 5, 18 and 200 litre drums.

COVERAGE

3 - 5 m²/litre per coat, to achieve a dry film thickness of around 70 - 110 microns per coat, depending on surface roughness.

STORAGE

Store away from direct sunlight, and protect from freezing.

SHELF LIFE

S.S. BW40 has a shelf life of 12 months from date of manufacture if stored in proper conditions. If these conditions are exceeded, Smart Stone Technical Department should be contacted for advise.

CAUTIONS

HEALTH AND SAFETY

As with all bituminous products, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection. Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting. For further information refer to the Material Safety Data Sheet.

FIRE

S.S. BW40 is nonflammable.