



## CC BW40

### Water Based Bitumen Coating

#### DESCRIPTION

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

#### APPLICATIONS

CC BW40 provides a vapor 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

CC 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 CC 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 CC BW40.

#### APPLICATION

It is recommended that two coats of CC BW40 be applied at a rate of 3 - 5 m<sup>2</sup>/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, CC 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 m<sup>2</sup>/litre. The diluted coat should be let to dry before the application of the top layer. CC BW40 may be applied by brush, broom or Squeegee.

#### CLEANING

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



#### CHARACTERISTICS

Appearance: Liquid black/brown  
Density :1.05 ± 0.05 g/cm<sup>3</sup>  
Over Coating Time :8 hr  
Application Temperature : 5 - 45oC  
Dry Time 2 - 4 hr

#### PACKAGING

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

3 - 5 m<sup>2</sup>/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

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

#### 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

#### FIRE

CC BW40 is nonflammable.