

# BituCon 55

Rubberized Bitumen Emulsion Protective Coating

## Description

BituCon 55 is a one-part, stable water-borne bitumen emulsion. It is dark brown in color and dries to a black flexible coating: which is odorless and non-tainting.

## Advantages and Uses

- Waterproofing and moisture barrier for use on such materials such as concrete, especially below ground, foundation retaining walls, kitchen, bathroom, planter and garden.
- Metal protection against corrosion of pipes, structural steelwork, and other metallic equipment's.
- Vapor seal for insulation.
- It also provides a lightweight waterproofing layer over insulation in conjunction with a fiberglass tissue.
- Adhesive used in adhering performed roof insulation and protection boards.
- Is diluted with an equal amount of water and used as a primer in a single coat to enhance adhesion between substrate and waterproofing sheet membranes.

## Packaging

BituCon 55 is supplied in 20-liter pail, 200-liter drum.

## Shelf Life/ Storage

BituCon 55 has shelf life of 6 months from date of manufacture at proper conditions

## Properties

Color	Dark Brown liquid
Application Temperature	Not below 5°C
Water content (max, %)	53 (ASTM D2939)
Drying Time	1-5 Hours depending on air change, temperature, humidity and porosity of substrate, allow 24 hours between coats.
Specific Gravity	980-1040 (ASTM D2939)
Chemical resistance	Resistance to: water, alcohol, most salt solutions, available on Soil and ground water some dilute acids and alkalis
Flexibility	Provides a firm but flexible coating, - 0±0.5°C no cracking or flaking (ASTM D2939)

## Standards Compliance

BituCon 55 complies with JS1193, ASTM D1227 Type III Class 1, and ASTM D3747 Type I.

## Instructions for Application

All surfaces should free from dust, dirt, oil, grease, and loose material, If the surface is ferrous metal, asbestos cement, cover with oxidized bitumen prime and allow it to dry before over coating.

Stir BituCon 55 well before use and apply minimum of two coats by brush, broom or squeegee at a rate 0.50-0.75 kg/m<sup>2</sup> per coat.

**BituCon 55** can be Applied to damp surfaces, although both coating and surface must be able to dry before the emulsion will cure to a waterproof film, allow 24 hours between coats and apply each coat at right angles to the previous coat. To maximize durability and flexibility, the coating can be reinforced with a fiberglass tissue. Protect from rain and frost until cured.

### ***Cleaning***

Clean equipment with water immediately after use before **BituCon 55** dries, use paraffin or white spirit if the materials have dried. During work place tools in water when not in use.

### ***Safety Precautions***

**BituCon 55** is not flammable under normal conditions of storage and use **BituCon 55** is unlikely to be a health hazard providing skin contact is avoided.

Protect the eyes from splashes by wearing goggles if splashed, wash with clean water, and consult a doctor.

08/2022-CTC