

**BOLDEN WB** has been produced to meet the requirements of ASTM D1187.

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## PRODUCT DESCRIPTION

Bolden WB is a brushable, water-based sulphate resistant bitumen coating. It is formed by the anionic emulsification of pliable bitumen and is both stable and easy to apply. It adheres to all types of surfaces and can also be diluted to become a penetrating priming coat for use on porous surfaces.

## PRINCIPAL APPLICATIONS

Bolden WB can be used:

- as a general purpose damp proof coating for concrete.
- as a waterproofing and protective coating for basements, foundations and retaining walls.
- as a vapour barrier for both above and below ground applications.
- as a maintenance coating for roofs and walls over concrete or metal surfaces.
- as a bonding and priming coat for a variety of bitumen-based waterproofing systems, whether liquid, felts or membranes. as an excellent anti-corrosion paint for metal surfaces

## APPLICATION INSTRUCTION

Application of Bolden WB can be done with a brush, broom or squeegee on horizontal surfaces. Before application Bolden WB must be thoroughly stirred.

### **Surface Preparation**

Ensure that surface to be treated is sound and free from all oil, grease and other foreign matters. Cracks, potholes and honey combs are to be repaired with a suitable material from the range of repair mortars.

### **As a Priming Coat**

Bolden WB can be diluted up to 1:1 in fresh clear water. Allow 2 to 4 hours for drying before applying the membrane.

### **As a Liquid System**

The first coat to be applied as a priming coat. Allow 2 to 4 hours for drying, then apply a second coat on the prepared surface. If the surface is to be topped with concrete, it is recommended that it should be lightly sprinkled with sand as soon as it is laid, which will act as a protective layer. Excess sand should be brushed off prior to laying the screed.



## ADVANTAGES

- Waterproof & Weather proof.
- Anti corrosive
- Environment friendly
- Non-flammable
- Excellent resistance to UV rays, mild acids and alkalis

## STORAGE

Reseal containers after use.

Storage Life: Varies with product and climatic conditions but is usually in excess of twelve months. Keep out of direct sunlight. Clean Brushes / Rollers with white spirit or paraffin after use or discard safely.

## HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swollen, do not induce vomiting, but call for medical assistance immediately.

Bolden WB is tested at random intervals by independent laboratories to international standards and the results of these tests are available on request. In addition, each batch manufactured is subject to strict quality control procedures to ensure it meets appropriate and applicable standards and/or norms.

## TYPICAL PROPERTIES

PROPERTY METHOD	TYPICAL VALUE	TEST METHOD
Color	brown dries to black	-
Density @ 25°C, min, kg/L	0.99	ASTM D 244
Viscosity@ 25°C	20-100	ASTM D 88/ASTM D 244
Flexibility, Clh at 25°C]	No cracking	ASTM D 1187
Service temperature	-10°C to + 50°C	-
Shelf life	12 months	-
Adhesion to dry surface	Excellent	-
Resistance to UV rays	No erosion or cracking	-
Resistance to dry surface	Excellent	-
Resistance to mild acids and alkalis	Excellent	-
Coverage rate per coat Dilute 1:1	6-10m <sup>2</sup> /L	-
Top coat Smooth concrete Metal surface	4-6m <sup>2</sup> /L 6-10m <sup>2</sup> /L	-
Toxicity	Non-toxic when cured	-
Drying time	Touch dry: 2-4 hours Full dry: 8 hours	-



## PACKAGING

18 litre per pails