



## (WATER BASED PROTECTIVE BITUMINOUS COATING)

**IMI CONCRETE PRIMER W500** is a cold applied general-purpose bituminous protective coating. It is formulated to give a tough, permanent waterproofing film, which protects concrete structures from corrosive soil salts and ingress of subsurface water.

### FEATURES

- Easy to use. Can be applied by brush, roller or sprayed.
- Cold applied
- Chemical resistant – resists attack from chloride and sulphate ions present in the soil
- Adheres to a wide range of substrates
- Can be applied immediately after de shuttering and initial set of the concrete
- Economical
- Environment friendly (water based emulsion)

### USES

- Prime coat before applying bituminous membrane
- General waterproofing
- Protection of sub structure against soil salts
- Curing compound
- Façade damp proofing

### STANDARDS

BS 102 – Protection of Buildings against ground water

ASTM C :309 :1998 – As curing membrane

### SURFACE PREPARATION

Surface should be sound clean free of curing compound and other contaminants. All loose particles, dust, etc should be removed by wire brush or other suitable means.

### APPLICATION

**IMI CONCRETE PRIMER W500** can be applied by brush, roller or squeegee. In general, it is recommended to apply two coats of Lasteek W 500. Apply the second coat at right angles to the first coat. Highly absorbent and/or hot surfaces should be dampened with water before applications of IMI CONCRETE PRIMER W500, but make sure that there is no standing water on the surface. IMI CONCRETE PRIMER W500 also acts as a curing membrane, hence may be applied to the fresh concrete immediately after the removal of the formwork. Since it gives a permanent black finish IMI CONCRETE PRIMER W500 is recommended as curing membrane only for surfaces which have no aesthetic value such as sub-structures of buildings.

## IMI CONCRETE PRIMER W500

A liquid  
waterproofing  
product

### TYPICAL PRODUCT CHARACTERISTIC

Appearance: Brown Liquid dries to black protective coating  
Sp. Gr: 1.05 Kg/m<sup>3</sup>  
pH: 9.0 – 11.0  
Solid content: 50 ± 3 %  
Drying time: 3 Hours (may vary depending upon temperature, humidity and substrate conditions)

### COVERAGE RATES

As primer for torch on membranes : 200 ml / m<sup>2</sup> / coat  
For damp proofing : 250-300 ml/m<sup>2</sup>/coat  
(2 coats recommended)  
As curing membrane : 500 ml/m<sup>2</sup>/coat  
(2 coats recommended)

**PACKING:** 20 Kgs pail or 200 Kgs steel drum

### STORAGE AND SHELF LIFE

Shell life of the product is 12 months from the date of manufacturing, provided it is stored in a covered well ventilated storage area and away from source of direct heat in unopened factory packed drums.

### CLEANING

Tools may be cleaned with water as long as the product is wet. Once dry, by mechanical means only.

### HEALTH & SAFETY

Proper care must be taken when applying the coatings. Wear protective clothing's, gloves and goggles. Avoid contact with skin, eyes or inhalation. In case of accidental eye contamination, rinse immediately with plenty of water and seek medical advice. Refer to product material safety data sheet for detailed information.

IMI reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data that to best of our knowledge is accurate and true. All recommendations are made in good faith. No responsibility can be accepted by us and no warranty is implied with regards to any of the recommendations made in the datasheet, since the condition of actual use and the labour involved are beyond our control. The products are warranted against manufacturing defects and sold subjected to IMI standard terms and condition of sale.

In strategic alliance with **IMPERBIT MEMBRANE INDUSTRIES L.L.C. DUBAI, U.A.E.**

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Dependable  
Waterproofing  
Solutions