



## **Bitumen Primer**

## **Technical Information**

- ❖ Direct application Bitumen based Primer for protection against Acid/Alkali attacks and Water Proofing.

### **Description:**

- ❖ Bitumen Primer is a Bitumen compound based Primer used for laying the membrane over RCC surfaces prior to the laying of Acid Resistant Brick Lining. This Bitumen based Primer consist of Petroleum Asphalt (non-soluble in water) fibrous and other inert fillers dissolved in petroleum solvents.
- ❖ This Primer is used against the protection of corrosion and other chemical actions. It is an ideal material in preventing infiltration of air, moisture and vapour barriers.

### **Base:**

- ❖ Bitumen/Asphalt

### **Material Group:**

- ❖ Primer

### **Properties:**

- ❖ Excellent Protection against almost all Acid and Alkali attacks
- ❖ Water/Air Proof
- ❖ Quick Curing/Setting and Direct Easy Application

### **Physical Data as Per IS : 158:**

<b>Property</b>	<b>Value</b>
Standard Colour	Black
Consistency	Paint-Like
Base	Asphalt
Asphalt Grade	90-15
Asphalt Content	40 %
Volatile Content %	<60%
Maximum Service Temperature	150 °C



## NEO CHEMOFLON PVT. LTD.

CORROSION PROTECTION SOLUTIONS

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### Surface:

- ❖ **Steel:** The Steel structure should be free of rust and dust particles. The structure should be in leak proof condition and have passed Hydraulic Test for atleast 72 hours. If not, the structure is to be rectified using Sand Blasting and application of Primer of proper surface.
- ❖ **RCC:** The RCC structures and other area should be compact and sound without any honey combings. It should be in totally leak-proof condition by ascertaining Hydraulic (Water Test) for 72 hours and if any leakages, seepages are found they are to be repaired by pressure grouting from outside.

### Packaging / Shelf Life:

Item Type	Packing Type	Content	Shelf Life
Chemoflon Bitumen Primer	MS/HDPE Drums	50/220/300 Kg	24 Months

### Mixing Ratio / Consumption:

Primer is to be applied Directly and given proper time for curing.

### Consumption:

- ❖ Approx. 1 Kg/Ltr. Per Sq. Mt. for 2 coats.

### Drying Time:

- ❖ Initial Drying time is 4 hours.

### Curing Time:

- ❖ Approx. 24 hours at 25 °C

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### **Application:**

- ❖ Primer is to be applied directly to the desired surface using appropriate brush/roller.

### **Major Areas of Application:**

- ❖ Floors, Drains, and other auxiliary areas.
- ❖ Chemical Industries
- ❖ Paper- Pulp Industries
- ❖ Phosphoric acid and Fertilizer Productions
- ❖ Roads
- ❖ Transportation and Storage of corrosive chemicals

### **Safety Measures:**

- ❖ Contents are volatile and hence the primer is to be applied in highly ventilated areas only. Proper ventilation is to be provided for structures such as high Towers.
- ❖ Any material should not be exposed to high temperatures or be near any fire or flames. The solution is highly inflammable and hence activities such as smoking for lighting a fire nearby is not advised.
- ❖ Do not expose materials to heat or open flame. This applies in particular to welding works (weld beads). Avoid direct contact of the material with the skin. Wash hands with soap and water; do not clean the skin with solvents.
- ❖ Kindly go through the Material Safety Data sheet for further information.

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