



## BAUCOAT WBE

### Bitumen Emulsion Coating

#### **DESCRIPTION**

BAUCOAT WBE is emulsified bitumen coating, which dries to form a tough, seamless, flexible vapor proof protective coating. It is used as a protective coating for cladding works to prevent infiltration of vapor and moisture into the building structure.

#### **ADVANTAGES**

- Water based. Cold applied
- Easy to apply and economical
- Anti-fungal & odorless
- Can be applied on damp substrates.
- Asbestos free
- Can be applied in closed or confined spaces. Seamless/ joint free
- Low VOC.
- Resistant against chloride and sulphate ions.
- Good adhesion to most building substrates, metal, concrete, wood etc.

#### **TECHNICAL PROPERTIES**

*(The properties shown below were obtained under laboratory conditions).*

|                              |                   |
|------------------------------|-------------------|
| Color                        | Dark Brown Liquid |
| Specific Gravity             | 1.0± 0.05         |
| Solid Content                | 35±5 %            |
| Flash Point                  | Non-Flammable     |
| Drying time @ 25°C           | 60 minutes        |
| Application temperature [°C] | 5 to 55°C         |
| Service temperature [°C]     | -5 to 80°C        |

#### **APPLICATION INSTRUCTION**

Application procedures may vary slightly depending upon site conditions. The general recommended guideline for the application of the bitumen coating system is as follows

#### **SURFACE PREPARATION**

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil, grease. Light mechanical grinding/grit blasting/high pressure water jet may be used to clean the surface of all the contaminants depending on the degree of contamination on the surface to be coated.

All surface imperfections and protrusions shall be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

#### **PRIMING**

It is highly recommended to apply a priming coat prior to the application of the BAUCOAT WBE coating on the substrate. The primer can be prepared in the site by diluting BAUCOAT WBE with 20% water and applying this diluted coat as the primer. The primer can be applied to damp or freshly cast concrete surfaces also. However, it should not be applied on waterlogged or flowing water areas.

Further coats shall be applied only after the primer coat dries off completely. In case of delay in application of the topcoat for more than 24 hours, a fresh coat of primer shall be re-applied.

**APPLICATION**

Stir the contents of the drum thoroughly before application to remove all sediments. Depending on the dry film thickness required, apply the rubberized bitumen coating **@1–4m<sup>2</sup>/L/coat.**

On vertical areas, it is recommended to apply the coating in multiple layers to avoid sagging of the heavy bodied coating. Subsequent coats shall be applied only after the previous coat dries off completely and shall be applied at right angles to the previous coat.

Clean dry sand may be broadcasted onto the wet coating to provide a key for the subsequent coats and achieve a greater dry film thickness.

Care shall be taken to ensure that the first coat is not punctured during the application of the second coat. However, if the coating is damaged, the area can be readily over coated provided the surface preparation is done properly.

**COVERAGE**

Coverage rate will depend on the porosity of the substrate. A standard coverage rate is as follows :

**4 m<sup>2</sup>/Kg/coat: 0.1mm**

**PACKAGING**

15 Kg & 200 Kg Drums

**STORAGE & SHELF LIFE**

Store out of direct sunlight, clear of the ground on pallets.

**Shelf life** is 12 months when stored as above.

**PRECAUTIONS**

There are no known health hazards associated with BAUCOAT WBE in normal use.

BAUCOAT Primer is a flammable liquid. Keep away from sources of ignition. Inhalation of vapour is harmful. Wear gloves and eye protection. Keep away from flame.

Note: Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, as the conditions of any labor involved in the application is beyond our control. BAUTECH CHEMICAL INDUSTRIES shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of this product. It is the responsibility of the user to ensure that the product meets his particular requirements and to use it in a suitable way. Field service, where provided, does not constitute supervisory responsibility. For additional Information contact your local BAUTECH CHEMICAL INDUSTRIES representative.



**BAUTECH CHEMICAL INDUSTRIES, P.O.BOX: 23054, AJMAN, UNITED ARAB EMIRATES**  
**TEL: +9716 7441150 FAX: +9716 7441120, Email: marketing@bautechindustries.com**