

# ENECURE WB

Water-based concrete curing compound

## DESCRIPTION

**ENECURE WB** is a water based concrete curing compound based on a low viscosity wax emulsion specially formulated to cure freshly laid concrete. The impervious film formed by **ENECURE WB** prevents excessive water evaporation, promotes efficient cement hydration, minimizes shrinkage and increasing durability of the concrete surface.

## USAGES

- When properly applied, produces a premium grade film, which optimizes water retention
- Furnished as a ready-to-use, true water-based compound
- Produces hard, dense concrete, minimizes hair cracking, thermal cracking, dusting, and other defects
- Offers a compressive strength significantly greater than improperly cured or uncured concrete
- Increases tensile strength for greater resistance to cracking and surface crazing
- Minimizes excessive shrinkage

## ADVANTAGES

- Eliminates the need for water
- Single application
- Promotes a harder dust free surface
- Cured film is clear and water repellent
- Reduces drying shrinkage
- High curing efficiency
- Reduce labor costs
- Water-based, and Solar reflective, very economic coverage rates can be obtained without difficulty
- Odorless and non-flammable
- Retains its mobility at low temperatures
- Non-toxic and non-hazardous

## TECHNICAL DATA

| ENECURE WB        | Typical values              |
|-------------------|-----------------------------|
| Appearance        | Milky liquid                |
| Specific Gravity  | 0.95 25°C                   |
| pH Value          | 6 – 8 25°C                  |
| Chloride Content  | NIL                         |
| Application Temp. | Min. +5°C                   |
| Application Rate  | 5 – 7 m <sup>2</sup> /liter |

## STANDARDS

**ENECURE WB** under certain circumstances will comply with some specifications of ASTM C309, for further details kindly contact Arkaz.

## USAGE INSTRUCTIONS

### 1. Application

**ENECURE WB** is supplied in drums ready to use at site without need to premix operation. It can be applied by brush, roller or spraying machine.

**ENECURE WB** Should be applied with handheld spray equipment at the specified coverage rate to achieve a thin and even film.

Application should proceed immediately after the desired concrete surface finish has been attained. It is important to ensure that any surface (bleed water) has disappeared prior to application

Once **ENECURE WB** has been applied, protection against further water loss will start almost immediately.

### 2. Curing

**ENECURE WB** Typically dries in 1 - 2 hours, depending on site conditions (temperature, % relative humidity, wind, etc.) Restrict foot traffic for at least four hours. Twelve hours is preferable.

Care should be taken to ensure the complete coverage of the surfaces. To ensure the ultimate breakdown of the **ENECURE WB** film, heavy coating should be avoided. Never apply to dry or semi-dry concrete.

### 3. Cleaning

**ENECURE WB** Clean tools with water promptly before material hardens. Hardened material can be mechanically removed.

## PACKAGING

**ENECURE WB** is supplied in 200 liters plastic drums.

## HEALTH & SAFETY

**ENECURE WB** does not fall into the hazard classifications. However, avoid direct contact with eyes or skin. Use suitable protective gloves and goggles during application with plenty of clean cold water and seek medical advice if irritation persist. **DO NOT breathe vapor/spray.**

**ENECURE WB** is non-flammable.

## STORAGE & SHELF LIFE

**ENECURE WB** shall be stored in normal conditions away from extreme temperatures. Minimum shelf life is 12 months.

### TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:  
concretedoctor@arkaz.com

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