

ENECURE WB80

Economical water-based concrete curing compound

DESCRIPTION

ENECURE WB80 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 WB80** 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
- Reduced 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 WB80	Typical values
Appearance	Milky liquid
Cured film appearance	Clear film
Specific Gravity	1.01 25°C
pH Value	6 – 8 @25°C
Chloride Content	NIL
Application Temp.	Min. +5°C
Application Rate	5 – 7 m ² /liter

STANDARDS

ENECURE WB80 classified as ASTM C309: Type 1, class A

USAGE INSTRUCTIONS

1. Application

ENECURE WB80 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 WB80 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 WB80** has been applied, protection against further water loss will start almost immediately.

2. Curing

ENECURE WB80 Typically dries in 1 - 2 hours, depending on jobsite conditions (temperature, % relative humidity, wind, etc.) Restrict foot traffic for at least four hours. Twelve hours is preferable.

3. Cleaning

ENECURE WB80 Clean tools with water promptly before material hardens. Hardened material can be mechanically removed.

PACKAGING

ENECURE WB80 is supplied in 200 liters plastic drums.

HEALTH & SAFETY

ENECURE WB80 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 WB80 is non-flammable.

STORAGE & SHELF LIFE

ENECURE WB80 shall be stored in normal conditions away from extreme temperatures. 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

LEGAL DISCLAIMER

The information given is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification. Since the conditions of use are beyond our control, we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale including those limiting warranties and remedies which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use which would violate or infringe statutory obligations or any rights belonging to a third party.

These products may be covered by patents or patents pending.



Copyright 2021
Printed in K.S.A. Version 2.0
28-November-2021