

MIXCURE WB

Water based Concrete curing agent

Mixture WB is low viscosity wax emulsion concrete curing compounds containing an alkali reactive emulsion breaking system. The system forms a continuous non-penetrating film on cementitious surfaces preventing excessive water evaporation leading to more efficient cement hydration thereby reducing shrinkage and increasing durability

Appropriation

Mixture WB can be used for most concrete applications but is especially suited to pre-cast units and large areas of concrete such as runways, bridges, reservoirs, motorways etc. Mixture Clear is not recommended where subsequent finishes are required

Characteristics

- Reduce drying shrinkage and resultant cracking
- Designed for use where water is scarce or not readily accessible
- Increased durability through greater curing efficiency
- High curing efficiency
- Non flammable
- Single component, easy to apply
- Solar reflective in white pigment grade

Technical Data & Properties

Standard conforms: ASTM C309 type 1, Class A

Appearance in bulk liquid: White

Appearance Dry film: Clear

Note: also available in white pigmented for white appearance

Specific gravity: 0.98at 20 °C

Curing efficiency : >75%

Coverage: 5 m² to 6 m² / litre

Product Management

Application procedure: Mixture Clear should be spray applied as evenly as possible to the freshly placed concrete. Hold the nozzle of the spray approx. 500mm from the concrete surface and pass back and forth ensuring complete coverage. Maintain the pump pressure at a sufficient level to produce a fine spray.

On horizontal surfaces, apply Mixture WB as soon as the initial surface sheen has disappeared from the concrete face. For formed concrete, apply Mixture WB as soon as formwork is struck. Rate of coverage will depend on particular circumstances but will generally be 5 m² to 6 m² /litre for both Mixture WB Clear and white.

Breakdown of the film will commence after approx. 30 days and will take up to 6 months for total disintegration to occur, dependent factors such as porosity of concrete, weather conditions, film thickness etc.

Where subsequent coatings are to be applied to the concrete, the residual Mixture Clear may be removed by mechanical means. Alternatively the use of Mixture AC should be considered as this membrane is non-degradable and acts as a primer for subsequent coatings.

MIXCURE WB

Water based Concrete curing agent

Packing & Storage

Mixcure WB is available in 20 litres and 200 litres drums. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers / storage tanks.

Mixcure WB should be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per

Recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life.

Health & Safety

Mixcure WB contains no hazardous substances. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any contact to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each Fab product.

Rev. Nov-10/01

FAB

THE CONSTRUCTION CHEMIST

Technical information given in this datasheet is true and exact to the best of our knowledge, laboratory upshot and hands-on application. The datasheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of the publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity, etc. and porosity of substrate may impinge on the values.

Group Head office:

PYCHEM Co. L L C
Post Box 23940, Sharjah.
Te: +971 6 5420414 / 5431636
Fax: +971 6 5421446
Mail: mail@fab-cc.com
fabchem@gmail.com

Under Technical Collaboration with
MIX UK Limited
Cherry Tree House, Cherry Tree Lane
Rostheme, Cheshire, WA143RZ
Web: www.mixuk.com

Head office:

T33A/1, Thyryambhava Houses
Kalapetty road, Coimbatore – 14
Tel: 0422 3222245
Fax: 0422 2625207
Mail: mail@fab-cc.com
fabchem@gmail.com



FABCHEM



PYCHEM



MIX UK LTD