

CIKOcure W

Emulsified Wax based concrete curing and sealing compound

Description

CIKOcure W is wax emulsion based concrete curing compound. CIKOcure W is available in two versions, white liquid when applied over fresh concrete dries to form a transparent curing film and white pigmented liquid which dries to form a white film.

CIKOcure W is a blend of wax, additives and pigments dispersed in water in perfect proportions to attain all the properties that is required for an ideal concrete curing compound.

Properties

- Single component system and easy to apply.
- High curing efficiency.
- Non-flammable and non-toxic.
- Forms stable film over the surface to provide excellent curing properties.
- Non-staining.
- Considerable reduction in loss of water from concrete.

Application area

CIKOcure W is a high quality curing and sealing compound and can be used for interior or exterior applications.

- Suitable for all kinds of concrete.
- Horizontal and vertical applications.
- Suitable for all types of cementitious material, concrete repair, plaster, mortars, grouts, etc.

Applicable standards

- CIKOcure W complies with minimum requirements of ASTM C 309 Type1 & 2 class A.
- Complies with Qatar Construction Specifications QCS

Physical properties

Form	Low viscosity Liquid
Colour	White & Transparent
Density@ 25 ⁰ C	1 ± 0.02 g/mL
Drying time	<4 hours @ 25 ⁰ C
Curing efficiency BS EN 7542	≥90%
Water Loss ASTM C156	<0.5 kg/m ²

Coverage

Each litre of CIKOcure W provides coverage of 2.5 to 3.5 m² for optimum curing efficiency of almost 90%.

Application instructions

Surface preparation

CIKOcure W is applied over wet concrete as soon as the concrete is free from bleeding water or surface water. Care should be taken to avoid application on concrete surfaces having free standing water.

Formed concrete shall be damped with water after shutter releasing prior to the application of CIKOcure W.

Mixing

CIKOcure W is a ready to use material. It should be stirred well before use.

Application method

CIKOcure W must be applied by spraying on wet concrete. On vertical surfaces it can be applied by roller or brush after removal of forms/shutters. The spray equipment must be capable to generate a fine mist causing no damage to wet concrete surface. Manual spray equipment is more preferable maintaining a distance from the nozzle to the concrete surface not less than 300 mm and not greater than 450m. It is recommended to apply back and forth to assure proper film forming and full coverage. Applied CIKOcure W shall be protected from extraneous spillages for at least 3 to 4 hours depending on prevailing ambient temperature.

Packaging

CIKOcure W is available in 20 litre pails, 200 litre drums and 1000 L IBC tanks.

Shelf life

CIKOcure W has a shelf life of 12 months in unopened packs if stored in accordance with CIKO instructions.

Storage

CIKOcure W should be stored under enclosed shaded area at temperatures between 5°C and 35°C.

Precautions

- Any protective/architectural coatings must be done only after removal of curing membrane by steam, high pressure water jetting or slight grinding to ensure adequate bond strength between concrete surfaces and coating material.
- Application temperature shall be between 5°C and 40°C.

Health & safety

CIKOcure W should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Adhesives and bonding agent
- Concrete repair materials
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries