Technical Datasheet

IZOZEN® IZOCURE 15LW

Emulsified Paraffin wax based Concrete Curing Compound

Description

IZOZEN® IZOCURE 15LW is a liquid, emulsified paraffin wax based curing compound for preventing water loss in concrete. The product is ready for use and easy to apply.

IZOZEN® IZOCURE 15LW provides the following properties:

- Reduces incidence of plastic cracking
- Ensures achievement of desired strengths
- Minimises shrinkage
- Reduces dusting
- Eliminates need for other costly methods of curing

Suitable for use in hot and tropical climatic conditions

Fields of application

IZOZEN® IZOCURE 15LW is mainly used for structural concrete surfaces where subsequent surface treatment will not be required. IZOZEN® IZOCURE 15LW curing compounds are sprayed onto newly laid concrete surfaces to form a thin film barrier preventing premature water loss, without disturbance of the normal setting action. The concrete is then allowed to cure and achieve its maximum physical properties.
IZOZEN® IZOCURE 15LW is particularly useful in large areas of exposed concrete, such as:

- Roof decks
- Retaining walls
- Pre-stressed beams and piers
- Irrigation canals and channels

Technical data

Form:	Parrafin wax
Colors:	White liquid
Specific Gravity:	~0.90 kg/l (+25 °C)
Content:	Nil

Directions for use

SUBSTRATE QUALITY / PRE-TREATMENT
Allow the surface water of the newly laid concrete to evaporate between ½ to 2 h depending on temperature etc. before application.
Not suitable for applications to dry surfaces.

APPLICATION
Stir the IZOZEN® IZOCURE 15LW well before use. The IZOZEN® IZOCURE- range of curing compounds has been designed for spray application onto newly laid concrete. Apply a thin, even, film of IZOZEN® IZOCURE 15LW to the whole surface using a hand or motor operated spray gun.

After application clean all equipment and tools with soapy water.

Consumption

~5 - 6 m2/l or 0.16 - 0.19 kg/m2

The rate of coverage depends on wind speed, relative humidity, temperature conditions and surface profile of the concrete.

Packaging

20 L, 200 L Drum, 1000 L flowbin.
Bulk supply in tanker trucks possible on request

APPROVALS / CERTIFICATES

IZOZEN® IZOCURE 15LW follows the requirements of ASTM C 309; Type 2; Class A

Shelf life – Storage

12 months from date of production if stored properly Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +35 °C.
Protect from direct sunlight and frost.

Remarks

After application of IZOZEN® IZOCURE 15LW the treated area must be protected from rain for at least 2 - 3 h.

Any remaining IZOZEN® IZOCURE 15LW curing film has to be removed prior to the application of any subsequent screed or coating.

Please consult the techincal department of IZOZEN for better understanding of use

IZOZEN® Health and Safety Message

- Always wear safety goggles, Mask, Helmet when working with hazardous materials.
- Follow safety procedures at all times when using power tools.
- Make sure your work area is tidy and free of trip hazards.
- Watch where you're walking – don't run in the workplace!
- Always use the appropriate lifting technique when moving heavy objects.
- Keep jewelry and other loose objects away from machinery.
- Don't eat or drink near hazardous materials.
- Report unsafe conditions immediately to your supervisor.
- Wear the correct clothing for the job – no loose clothing or jewelry!
- Take regular breaks and stay hydrated while working.
- Always be aware of your surroundings.
- Always use personal protective equipment when working with chemicals.

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