



TSIRCON CO LTD

MANUFACTURERS & TRADERS
OF BUILDING MATERIALS

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TSIRCO-CM 75W

Concrete Curing Compound of 75% Efficiency

Product: TSIRCO-CM 75W is an aqueous wax emulsion with 75% efficiency.

This product can be offered pigmented to meet specific requirements.

Purpose: To protect freshly laid concrete from rapid evaporation of water thus avoiding shrinkage cracks and achieving the optimum final properties of the concrete. This material is most suitable when moderate climatic conditions prevail.

Pack: 20 & 210 lt drums.

Introduction: Concrete needs efficient curing in order to optimise its final properties. This necessitates retaining the maximum moisture content within the concrete as long as possible in order to ensure complete hydration of the cement. Traditional curing methods have been found to be unecomimical and not completely efficient. TSIRCO-CM 75W replaces these methods, offering economy, higher efficiency and ease of application.

Properties:

Appearance: White liquid

Flash Point: Not applicable.

Where to use: For efficient curing of concrete roads, runaways, external and internal concrete floors, bridges, dams, reservoirs, retaining walls, columns and other structures. When subsequent treatment of the surface will follow, like rendering, painting, etc, the membrane should be allowed to disintegrate. This period depends on the weather conditions and its exposure to the UV action. This period varies accordingly.



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How to use:

The product should be applied by spray or brush on freshly laid concrete as soon as the free water on the surface has disappeared or on vertical surfaces as soon as the formwork is removed. The tools should be cleaned with water immediately after use. Since the product is water based care must be taken not to allow bleeding water before application. On the other hand delay in the application especially in hot and windy conditions will lead to plastic shrinkage cracks. Therefore it is important to apply the Curing Compound as soon as possible after bleeding water disappears.

Coverage: A one-coat treatment at a rate of approximately 4,5-5,5m²/lt will be sufficient for concrete surfaces under normal conditions.
(When applied at a rate of 4,5m²/lt it will conform to ASTM C309, Type 1).

Safety Precautions: Prolonged contact with skin should be avoided. Clean up immediately with water any spillages. In case of eye splashes wash with plenty water. If irritation persists seek medical advice.

Storage: Not less than 1 year provided it is kept in manufacturers sealed containers and is protected from direct sunlight and frost. If the product freezes, it must be thawed out completely and mixed thoroughly before it is used.

How to specify: Curing should be done by using TSIRCO-CM 75W strictly in accordance with the manufacturer's instructions.