



**TSIRCON CO LTD**

MANUFACTURERS & TRADERS  
OF BUILDING MATERIALS

Ημ. έκδοσης 3/2007

# **TSIRCO-CM 286**

## **Curing Compound and Surface Hardener**

**Product:** TSIRCO-CM 286 is a medium efficiency compound, used for curing concrete surfaces.

**Composition:** The product is based on silicates and utilises a water based medium which has the advantage of reducing toxicity and eliminating fire hazard. It is a medium efficiency system.

**Purpose:** Ideal for curing concrete floors or any surfaces where other finishing products such as paints leveling compounds e.t.c are to be applied. The surfaces applied on will also become dustproof and resistant to abrasion.

**Usage:** 20, 210 lt drums and delivery in bulk.

**Introduction:** TSIRCO-CM 286 reacts with cement, thus forming a rapid setting low permeability layer which apart from curing the concrete, hardens the surface and gives improved abrasion resistance. Because it is colourless under normal circumstances, it does not affect the appearance of concrete, thus eliminating the need to remove the membrane formed, in order to restore it. TSIRCO-CM 286 is a non-flammable material.

### **Properties:**

Appearance: Clear liquid.

Specific Gravity: 1.07 at 20°C.

Flash Point: Water based. Not applicable.

Freezing Point: 0°C.

**Application:** TSIRCO-CM 286 can be used on all concrete surfaces even if subsequent surface treatments are required on the cured concrete. It should be applied on freshly poured concrete before the surface dries out, by low pressure spray. Immediately after spraying, a rapid setting, low permeability membrane is formed, preventing excess evaporation of water. Maybe applied

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on vertical or horizontal surfaces. Masonry painting may be applied over it. In hot weather and windy conditions in order to get the maximum efficiency, it is advisable to continuously spray the concrete surface with water until it hardens prior to the application of Tsirco-CM286. This will vary 3-6 hours depending on temperature conditions.

**Coverage:** A one-coat treatment at a spraying rate of approximately 5m<sup>2</sup>/lt it will be sufficient for concrete surfaces under normal conditions.

**Safety Precautions:** Prolonged skin or eye contact should be avoided as the material is slightly alkaline and may cause irritation. Use plenty of water to wash eye splashes and seek medical advice if irritation persists.

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

**How to specify:** Curing of freshly poured concrete may be done by using TSIRCO-CM 286 according to the instructions of the manufacturers, TSIRCON CO. LTD.