

## Concrete Curing Compound complies with ASTM C 309.

### DESCRIPTION

**Novo Kure 111** is modified emulsion that is suitable for spray application to freshly poured concrete; where the resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement; essential for optimum strength development. Membrane-cured concrete is typically harder and exhibits a dust-free surface with a reduced incidence of drying shrinkage cracks.

**Novo Kure 111** complies with ASTM C 309

### FIELDS OF USE

**Novo Kure 111** is used to provide a membrane on the surface of fresh placed concrete to retain moisture for effective curing of concrete.

### ADVANTAGES

- Reduce surface shrinkage and cracking.
- Enable concrete to hydrate more efficiently.
- Easy applied.
- Reduce labor costs.
- Form a tough film on the surface of freshly placed concrete or render. This enables the cement to hydrate more efficiently, eliminates the shrinkage cracking causes and produces high compressive strength with harder wearing surface to the concrete.

### PROPERTIES @ 25 C°

<b>Color</b>	Milky color liquid
<b>Gloss</b>	Gloss & semi-gloss
<b>Specific gravity</b>	1.02 ± 0.03 g/cm <sup>3</sup>
<b>PH</b>	8-9
<b>Shelf life</b>	12 months in suitable storage conditions
<b>Rate of use</b>	6-7 m <sup>2</sup> /kg (depend on the surface conditions of concrete)

#### NOVOCHEM S.AE

المقر الرئيس والمصنع

مصر - الجيزة - مدينة السادس من أكتوبر - المنطقة الصناعية الثالثة - بلوك 91,102,103

Headquarters and Factory

Egypt - Giza - 6<sup>th</sup> of October City - 3<sup>rd</sup> Industrial Zone - Blocks 91,102,103

### DIRECTIONS OF USE

- Always stir the pack well before using spray application to surface of newly placed concrete, care being taken to ensure complete coverage.
- It should be applied as soon as possible after the concrete surface has been finished, i.e., Trowel, tamped or textured as required, but generally within 30 minutes or earlier if in conditions or hot sun or strong dry winds.
- The spray nozzle should be held approximately 450 mm from the surface and passed back and forth to affect complete coverage.
- The pump pressure must be maintained at all times to produce a fine spray.
- It is better to apply by roller on towed floors.
- Immediately after use, the spraying equipment should be cleaned out, especially the line and nozzle, with water.
- On vertical surfaces or soffit of concrete which may have partially dried out by being retained in shuttering,
- It is imperative that the concrete should be well wetted down before applying if this is not done, permanent staining will result.
- To ensure the film breakdown, excessive coating must be avoided (see recommend coverage rates).

### STORAGE

- It is best stored at room temperature in dry conditions. Avoid humidity, cold freezing conditions and off concrete floors.
- Do not store in direct sunlight.

### PACKING

20 litres & 200 litres

### PRECAUTIONS & SAFETY

- Wear protective clothes, gloves, glasses and face protection.
- Good ventilations in case of spraying application.
- For skin contact, remove it with suitable cream followed by soap and water cleaning.
- For eye contact, rinse with plenty clean water and then seek medical advice.

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