

# Novo Cure 100

Data Sheet

Last update: - 15 / 5 / 2018 ( 1 )

## Good Quality Resin Based on concrete curing compound.

### DEFINITION

**Novo Cure 100** is a good quality one component concrete curing compound that based on special synthetic resin and selective solvent. It is used to good efficiency curing where light reflectance is required to keep the temperature of concrete to a minimum particularly for roadways, runways, irrigation open canals...etc.

### STANDARDS

**Novo Cure 100** meets specific requirement of ASTM C309

### FIELDS OF USE

**Novo Cure 100** is used

- To provide a resin membrane on the surface of newly placed concrete to retain moisture for effective curing to take place.
- To cure concrete runways, motorways, roadwork, bridge – works, hard standing, irrigation canals and concrete generally.

### ADVANTAGES

- Reduce surface shrinkage and cracking.
- Increase the compressive strength with a harder wearing surface to the concrete.
- Enable concrete to hydrate more efficiently.
- Ease of application.
- Form a tough resin film on the surface of freshly placed concrete or render.

### PROPERTIES @ 25 C°

<b>Color</b>	Light yellow liquid
<b>Specific gravity</b>	0.89 ± 0.05 gm./cm <sup>3</sup>
<b>Shelf life</b>	12 months in suitable storage conditions
<b>Rate of use</b>	7-8 m <sup>2</sup> /kg ( depend on the surface conditions of concrete )

### DIRECTIONS OF USE

- Stir the drum well before using.
- **Novo Cure100** is a spray applied to surface of the newly placed concrete, when concrete surface start setting ( sure there is not water on the surface)
- **Novo Cure 100** should be applied as soon as possible after the concrete surface has been finished, i.e. (generally within 30 minutes or earlier if in conditions or hot sun or strong dry winds).
- The nozzle of spray 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 **Novo Cure 100** by roller on trowel led floors. Immediately after use, the spraying equipment should be cleaned out, especially the line and nozzle, with white spirit.
- To ensure the breakdown of the **Novo Cure 100** film, excessive coating must be avoided (see recommend coverage rates)
- For the application of **Novo Cure 100**, various types of spraying equipment can be supplied, or motorized sprayers.

### STORAGE

- Store under suitable storage conditions in original unopened containers under normal warehouse conditions
- Temperature of storage (10—30) C°.

### PACKING

20 liters & 200 liters

### PRECAUTIONS & SAFETY

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