



A/3, Panchtirth Apartments,  
Nr. Mahalaxmi Cross Road, Paldi,  
Ahmedabad-380 007. India  
Phone : 91-79-2663 1141 (M) 098240 68278  
Fax : 91-79-2662 1078  
Web : contechchemicals.com  
Email : contechchemicals@hotmail.com  
info@contechchemicals.com



# CONCURE

## Curing compound for cement surfaces

### DESCRIPTION

Concure is a brush or spray applied wax based membrane curing compound, applied on interior or exterior, vertical or horizontal, above or below freshly cast concrete and plaster, which eliminates subsequent watering. This will prevent quick drying of concrete and stop the evaporation of water from the surface. The water retention will be around 80%. Concure incorporates a white pigment which at recommended coverage rates gives a daylight reflectance value of 60-80%.

Curing of surfaces is sometime found very difficult at the places like soffit of bridge slab, slopping roof etc. Again, wherever it is not possible to get sufficient water for curing larger areas in arid regions. Manual curing is sometimes not reliable.

### TECHNICAL DATA

Appearance	White liquid
Specific Gravity	0.9
Flash Point	Not Applicable
Solid contents	30%+/- 2%
Standards	ASTM C309

### WHERE USED?

Concure is used on bridges, dams, canal linings reservoirs, concrete floor / roads, airfield, retaining walls, the pre-stressed / precast concrete components, structural patchwork repairs, areas subjected to high drying winds etc.

### ADVANTAGES

- Eliminates the need for water
- Dual protection as curing and sealing compound
- Protects concrete from water borne chlorides, sulphates and atmospheric carbon dioxide
- Cured film is water repellant.
- Reduces drying shrinkage
- Economical, labour saving, easy application
- Solar reflective





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## HOW TO USE?

Before using, stir the product in the container well. Concure is applied evenly on the horizontal surface no sooner the surface water disappears. On vertical surfaces; it is applied immediately after the form work is the removed. If the concrete has become dry, the surface may be dampened by sprinkling the water on the surface. Concure can be applied by spray, roller or brush.

No.	Tests	Observation	Requirement as per ASTM : C-309-91 & E 97
1	Drying Time I) Within 4 Hours II) After 72 Hours	Dried in 2:40 Hours Sample did not pill off the specimen	Dry to touch in not more than 4 Hours After 72 Hours sample do not pill of the specimen
2	Water loss after 72 Hours	0.49 kg/sq.m.	< 0.55 kg/sq.m
3	Day Light Reflectance	62%	>60% Of Standard $MgO$

## COVERAGE

1 Kg. of Concure will cover 4-5 Sq.mtr. of an area depending upon the porosity of the surface. However, higher coverage rates can be achieved in favorable conditions, such as shaded interior surfaces. An additional coat of Concure is recommended on concrete surfaces, which will be subjected to harsh rough conditions.

## STORAGE

Store the container under cover, out of direct sunlight and protect from extreme temperatures. Shelf life is up to 6 months when stored as per recommendations.

## PACKING

Concure is supplied in 50 kg, 100 kg and 200 kg plastic drums.