

## Corrocure GP

### General purpose curing compound

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#### Product Features

**Corrocure GP** is a water based, environmentally friendly general purpose curing compound with special inorganic additives. It is a completely chloride free system that chemically hardens cement based surfaces.

**Corrocure GP** reduces water loss of the substrate, hardens concrete system and improves abrasion resistance. It also reduces chances of plastic shrinkage cracks. It is compatible with water based emulsion paints, cement renders & gypsum plaster as finishes.

#### Typical Uses

**Corrocure GP** is typically used as a general purpose curing compound suitable for concrete surfaces and cement based systems.

Technical Data		
Properties	Test Standards	Typical Values
Appearance		: Colourless liquid
Application temperature		: 10°C to 50°C
Density	ASTM D 1475	: 1.10
Curing efficiency		: 75% approx

Note: All values given are subject to 5 - 10% tolerance.

#### Directions for Use

##### Preparation

No special preparation is required before the application of **Corrocure GP**, however ensure concrete surfaces are clean and free from contamination such as dust, oil, grease, organic growth and release agents.

##### Mixing

Stir **Corrocure GP** thoroughly to mix any solids that may have settled at the bottom of the packaging, until a homogenous consistency is achieved.

##### Priming

Priming is not required, however please ensure the substrate is clean, sound and free from contamination.

##### Application

Apply **Corrocure GP** at the rate of 5 - 7 m<sup>2</sup> per litre per coat by roller brush or spray onto the horizontal surface once it is free from bleed water or onto the vertical surface once the form work is removed. Where the conditions are adverse **Corrocure GP** may initially be used in conjunction with polyethylene sheet. Two coat application is recommended.

#### Hot Weather Conditions

For application above 40°C we recommend adopting the following guidelines:

Store unmixed materials in a cool preferably air conditioned environment.

Avoid exposure of mixed & unmixed materials to direct sunlight.

Keep equipment that will be in contact with the product cool and away from direct sunlight.

Avoid application during the hottest time of day.

#### Cleaning

Clean tools & equipment immediately after use with detergent and water.

#### Limitations

Substrate temperatures should be above 5°C and rising.

For application in temperatures above 40°C please refer to hot weather condition recommendation.

Do not apply **Corrocure GP** in excess. Material may pond on horizontal surface, crystallize and produce white patches after curing.

Conventional coatings are compatible with **Corrocure GP** and it is recommended to do a proper wash down or mechanical surface preparation prior to subsequent coating.

Avoid application if the work area may be subject to the onset of rain or moving water.

All products should be used within the pot life. Materials not used within the specified time should be discarded.

The product should not be thinned with any type of solvent under any circumstances.

If the above general application details do not meet with your requirements, please contact Corrotech for a project specific method statement.

#### Estimating

**Corrocure GP** pack size: 200 litres. Coverage rate approximately 5 - 7 m<sup>2</sup> per litre per coat.

All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption.

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### Health & safety

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes.

Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

If swallowed, seek medical attention immediately. Do not induce vomiting.

Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces.

Do not expose products to fire or naked flames under any circumstances.

Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations.

### Storage

**Corrocure GP** has a maximum shelf life of 12 months from the date of manufacture.

To maximize shelf life always store products in their original, unopened packaging in a dry environment, away from direct sunlight with a minimum temperature of 10°C but not exceeding 35°C.

Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.