

# GCS-I-line Gelcoats

## Iso NPG Gelcoats

### Technical Information

#### PRODUCT VARIANTS

GCS-I line Iso NPG Gelcoats are available in a wide range of colours.

#### PRODUCT DESCRIPTION

GCS-I line Iso NPG Gelcoats are designed to give high chemical and water resistance as well as superior weathering characteristics.

Ideal for use in boats, Vanities, shower bases, Caravans and other items requiring very good durability as well as high water and chemical resistance

They have good application properties and cure well under normal conditions.

#### PRODUCT ADVANTAGES

- \* High Water and Chemical resistance
- \* Very Good weathering resistance
- \* Based on Iso NPG resin

#### TYPICAL PROPERTIES

These values are listed for reference for general information and are a guide only; they are not intended for end user specifications.

Test	Range	Test Method
Viscosity (RVT spindle 4, speed 5 rpm)	10,000-18000 cps	UCRTM001
Thixotropic Index	5.0 Minimum	UCRTM002
Geltime @ 25°C, 1% MEKP	10-20 Minutes	UCRTM003
Density @ 25°C	1.2-1.3 Kg/l	UCRTM0004

## **CURE INFORMATION**

### ***Catalyst addition;***

GCS-I line Iso NPG gelcoats are formulated for application as received and are made to be cured with the addition of 1.5-2.5% of Normal activity MEKP. **DO NOT** catalyse at levels below 1% or above 3% as this may result in curing problems and other physical defects.

### ***Flokote application thickness;***

Correct gelcoat thickness is very important to obtain satisfactory cure and avoid defects such as *tripping*. Recommended thickness is as below;

**Wet:** 0.6 mm-0.65mm (600-650 microns) or 24-26 thou

**Dry:** 0.5 mm-0.55mm (500-550 microns) or 20-22 thou

### ***Temperature:***

DO NOT apply at temperatures less than 15°C or more than 35°C as this may result in curing issues.

### ***Humidity:***

DO NOT apply at relative humidity exceeding 80%

## **STORAGE AND SHELF LIFE**

Uncatalysed gelcoats have a shelf life of 4 months from date of manufacture, when stored in original sealed containers, in a cool dry place, away from sunlight and other heat sources. Storage above 25°C can reduce the shelf life.

***Note that gelcoat should always be stirred before use.***

## **HEALTH AND SAFETY**

Refer to the Material safety data sheet before handling this product for health and safety information