



GEL-GARD

TECHNICAL DATA SHEET

PRODUCT CODE: Gel-Gard

DESCRIPTION: Two part epoxy resin with flow control agents.
Colours – Yellow or Grey

FINISH: Semi Gloss.

SPECIFIC USES: As a osmotic barrier coating, to be applied to GRP structures

PACKAGING: **GEL-GARD** is supplied in 5.0 litre non-returnable plastic containers.

PREPARATION: **Preparation of new GRP surface:** 1. Ensure all mould release agents are removed, 2. degrease with a mild detergent solution, 3. abrade with #100-120 grit paper, 4. rinse thoroughly with water and allow to dry.

Preparation of a previously painted surface: 1. Ensure all existing paint is removed to reveal underlying substrate, 2. degrease with a mild detergent solution, 3. abrade with #100-120 grit paper, 4. rinse thoroughly with water and allow to dry.

PRODUCT MIXING: Combine both components Gel-Gard Resin and either Slow Curing Agent 1, or Fast Curing Agent 2, in the ratio of 5:2 by volume and mix well prior to mixing. Mechanical mixing is recommended.

The mixed product should be applied by roller to a wet film thickness of 100µ using high density foam rollers or sprayed using airless spray equipment.

Please note: The coating must be applied evenly. Thick or heavy coats are not advisable.

Once mixed **GEL-GARD** should be poured into a paint mixing tray and used within the pot life of between 1 and 2 hours depending on temperature

APPLICATION: Roller: using high density foam rollers.
Spray: Airless Spray Equipment.

COVERAGE: A 1.0 ltr mix will cover 10.0 sq mtr. However practical coverage will depend on the application method used and the surface condition of the substrate being treated.

OVERCOATING & IMMERSION SCHEDULE:	TEMP °C	OVERCOATING TIME Hrs	TIME TO IMMERSION MIN (days)
	5		
10			7
15			7
23			3
35			3

The above are average figures at 55% RH and will also be determined by air movement. Increased air movement will reduce over-coating time for any specific RH.

CLEANING: Clean all equipment with acetone solution as soon as possible

STORAGE: For full shelf life to be realized ensure containers remain sealed and products stored away from direct sunlight, between 5 - 35 °C

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