

GEE-WET

Grade: GA 500 UW – Epoxy Under Water System



AASHISH

Protective Coating's, Lining's & Floorings.

PRODUCT DESCRIPTION & CHARACTERISTICS

GEE-WET Grade: GA 500 UW is a advanced product made from a blend of polymers and hardeners, suitable for applications underwater and on wet surfaces.

GEE-WET Grade: GA 500 UW makes it the ideal choice for a wide range of applications.

Specially formulated for underwater coating / repairs of various substrates including under-water pipe lines, water tanks and other submerged vessels. Repairs holes, leaks, cracks, chips and defects with minimum effort and downtime. Suitable for use in sea water and resistant to chlorinated water. Has a high gloss finish ensuring ease of decontamination.

Material can be supplied in two forms :

- GA 500 LV, as a low viscosity coating for use on submerged or wet surfaces to produce a high gloss finish. Ideal for large areas to give an aesthetically pleasing finish.
- GA 500 HV, as a high viscosity mastic for use on deep cracks, holes and large defects. Ideal as a repair compound for damaged surfaces.

PRODUCT INFORMATION

TYPICAL APPLICATIONS :

Under water pipes, splash zones, tank linings (internal and external), and concrete applications. Suitable for metal and non-metallic structures.

COLOUR:

Standard white and Grey (other colours at customers request)

VOLUME SOLIDS:

100%

MIX RATIO :

Mix parts A and B in proportionate weights as supplied.

THINNER :

No thinning agents required.

CLEANER :

GA 500 U

CURE:

20°C

POT LIFE :

45 mins.

TOUCH DRY :

6 hours

HARD DRY :

12 hours

FULL DRY:

7 days

RECOATING INTERVAL :

Minimum : 6 -8 hours (touch dry).
Maximum: 7 Days. (Conditions Apply)

TYPICAL THICKNESS RANGE : 200 to 400 microns per coat.
(GA 500 LV)

TYPICAL THICKNESS RANGE : 1.0 to 3.0 mm.
(GA 500 HV)

THEORETICAL COVERAGE :
(GA 500 LV) 3.0 m² / kg. @ 250 microns.
(GA 500 HV) 0.60m² / kg. @ 1.0 mm.
(Allow for application losses, surface irregularities, etc.)

TEMPERATURE RESISTANCE : Maximum 60°C (immersed)

METHOD **ABOVE WATER:** Airless spray, roller, brush or towel.
 BELOW WATER: Power brush, power roller, syringe, trowel, spreading knife, spatula, mitts.

AIRLESS SPRAY APPLICATION : Pump (minimum 45:1 ratio) with a fluid twist tip :
GA 500 LV (23 -31 thou.)

APPLICATION

CONSTITUENTS : Two pack epoxy system consisting of base resin and hardener.

AIRLESS SPRAY : Pump (minimum 45:1 ratio) with a fluid twist tip :
RA 564 (23-31 thou. Ideal 27 thou.)
RA 532 (31-39 thou. Ideal 33 thou.)

BRUSH, ROLLER : For inaccessible or awkward areas, or when spray application is not required or feasible.

SURFACE PREPARATION

UNDERWATER REPAIRS : Remove all loose contamination by wire brushing or scraping. Remove any scale, dirt, grease with water-proof abrasive paper (wet & dry paper)

ABOVE WATERLINE : Remove all loose contamination by wire brushing or scraping. For small areas roughen area with mechanical abrader. For larger areas a suitable angular metallic or non-metallic abrasive should be chosen to give a minimum profile of 50 microns. Abrasive blast the surface to ISO 8501-1 SA 2 ½

LIMITATIONS

POT LIFE : Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.

SAFETY PRECAUTIONS

It is the policy of ACTPL to ensure that its products are handled and applied by professionally approved and skilled applicators.

Application shall be carried out in accordance with instructions contained in this data sheet and referenced to C.I. TECHNICAL SPECIFICATION MANUAL.

ACTPL management are intent on ensuring all work is carried out in accordance with company HEALTH & SAFETY procedures and all materials are handled with due care to COSHH regulations and instructions.

STORAGE

Store in cool, dry conditions (below 2 and 20°C) keep away from direct heat source and sunlight. When not using the material always replace the lid on the container.

SHELF LIFE

At least 12 months when stored in sealed containers at temperatures of 20°C or below. At temperatures above refer to manufacturer for advice.

DISCLAIMER

The information contained herein is to best of our knowledge accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall ACTPL be liable for consequent or incidental damages. Due to continuous R&D and improvement in the technology, we reserve our option to change the specifications and presentations.

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