

APPLICATION INSTRUCTIONS

PRODUCT DESCRIPTION & CHARACTERISTICS

A formulated blend of **advanced liquid polymers and amine hardeners**, suitable for applications underwater and on wet surfaces. Tests demonstrate there is no detrimental loss of adhesion even when applied on saturated substrates! The product is non-hazardous and solvent-free, making it the ideal choice for a wide range of applications.

Diver-Cote™ is recommended for a wide range of applications including the protection of risers, pipes and structures below the splash zone. Repairs holes, leaks, cracks, chips and defects with minimum effort and downtime.

The product may also be formulated for underwater repairs of swimming pools, ponds, water tanks and other aqueous vessels.

Utilising **COR-SAN™** technology, an innovation introduced by Chemco International Research & Development, that is unique to industry. Technical performance is substantially improved and underwater hazards reduced (less paint dispersion) to enable high film build and high application rates.

Material can be supplied in two forms:

- **Diver-Cote™ RA 500UW-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.
- **Diver-Cote™ RA 500UW-HV** as a high viscosity coating for use on deep cracks, holes and large defects. Ideal as a repair compound for damaged surfaces.

MIXING INSTRUCTIONS

Product is supplied in two parts (Part A resin and Part B hardener) in pre-weighed containers. When mixing therefore, use all of the materials supplied. Never part mix. Both parts are supplied in contrasting colours to prevent improper mixing which may inhibit the cure and affect the quality of the coating. Mix the materials thoroughly to an even consistency either by hand or mechanical mixer. The coating product has a limited pot life, refer to section entitled product information. Temperature has a critical effect on the pot life. In hot temperatures the pot life is reduced, the applicator should try to keep material cool to maintain good pot life and thickness. It is important to apply the material as soon after mixing as possible, otherwise the coating will gel making it unusable. Only mix the components supplied. Never add another liquid.

APPLICATION DATA

Water level

Surface Preparation

Clean area(s) in question by UHP water-jetting and/or hydro-blasting to remove marine biological growth followed by dry abrasive blasting and/or slurry blasting in order to achieve a profile.*

For patch repairs, areas may be cleaned by hand power tool cleaning to ST3 in accordance with ISO 8501-1

APPLICATION DATA

Water Level (cont'd.)

Application

Following preparation and cleaning, a choice of systems is recommended for this area. In rough conditions (high tide levels) it is recommended that **Diver-Cote™** RA 500UW-HV be applied by hand.

Below Water Level

Surface Preparation (Large Areas & Heavy Corrosion)

Remove marine biological growth and foulants, including rust and loose paint by UHP water-jetting or UHP hydro-blasting.*
Surface(s) finish should be to an acceptable standard of cleanliness, back to bare metal, free from paint and rust with a surface profile of min 50µm. It may therefore be necessary to repeat the procedure in order to achieve an accepted standard finish.

Small Areas Localised Corrosion

For repair works, surfaces may be cleaned by hand power tool methods to ST3 in accordance with ISO 8501-1

- Dry or wet blasting in such conditions is very difficult and very often impractical. It is important to remove as much loose rust, paint and marine growth as is manageable by convenient method such as mechanical hand tools, scrapers, etc.

Application (Large Areas)

Areas not to be coated should be protected by plastic suits in order to prevent contamination. Ensure work area is made safe; area should be illuminated and free from disruptions or hazards. Apply the coating by power brush and roller* using specialised equipment designed and approved by Chemco International.

Apply the coating evenly and as soon after mixing as possible, ensuring the surface is fully sealed, free from brush hairs, discontinuities, inclusions, pinholes and holidays. Depending on surface finish, term of protection and other factors it may be necessary to apply a second coat in accordance with the previous instructions.

- For more detailed information concerning use of such equipment contact Technical Department at Chemco International Head Office.

Application (Small Areas)

It is recommended that **Diver-Cote™** may be used to treat the area(s) in question having made the area safe from hazards and ensuring equipment(s) not to be coated are fully protected. Apply coating evenly as soon after mixing as possible using a brush, trowel, putty knife, mitts or spatula. Ensure exposed surfaces are fully sealed. Following application, inspect surface and repair sub-standard work to ensure the coating is free from pinholes, inclusions and holidays.

DISCLAIMER The information contained herein is to the 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 Chemco International be liable for consequent or incidental damages.



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