

HYDRO-LINER® CAISSON REPAIR SYSTEM

BY



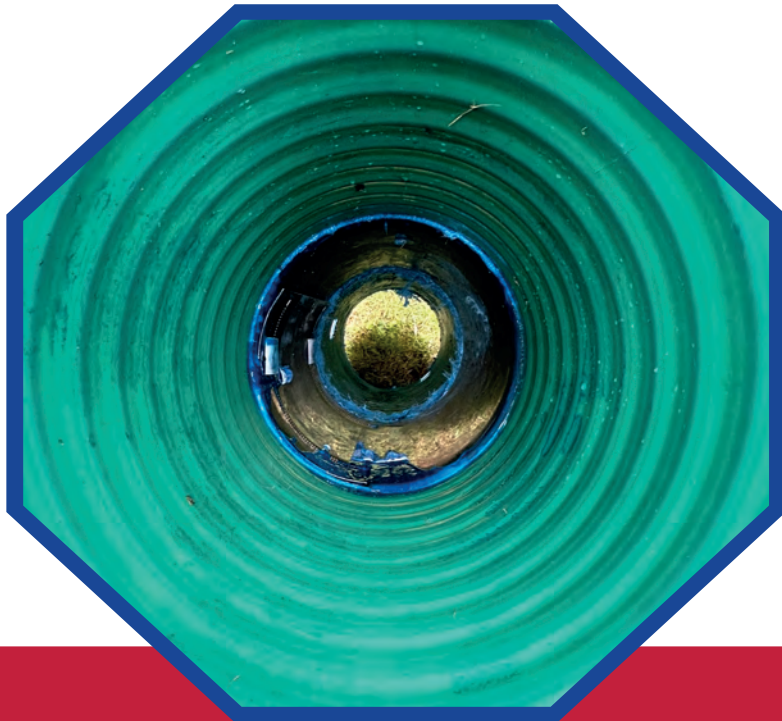
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HYDRO-LINER®

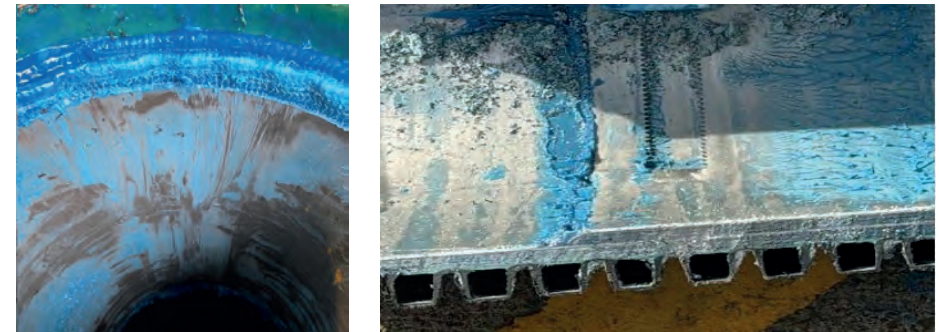
CAISSON REPAIR SYSTEM

- Diver-less installation
- Allows for short section as well as full caisson length repair to extend its productive working life
- Stainless steel plus composite cores for added strength
- Bridges and seals through wall anomalies including large "window" sized anomalies and prevents corrosion activity at the caisson/liner internal interface
- Low profile finished liner thickness provides easy refitting of firewater lift pumps and centralisers
- Overlap seals to allow "stacking" of the modular units
- Ease of installation using conventional lifting hoist and davit due to the system's lightweight construction
- No extraneous deck loading calculations required due to the lightweight characteristics of the liner and the associated installation equipment



- Liner core once coiled in its smallest diameter has the selected composite applied and secured in place using special predetermined "burst strength" retainers
- One way expanding advancing ratchet lock-in place system
- Bespoke thixotropic water tolerant epoxy resin tailored to scope and ambient temperature conditions i.e. high and low temperature formulations
- Easy transportation and storage of the epoxy resin in 12 litre containers
- Prepared in ready to use kits i.e. core + composite textile + epoxy resin+ tools + cleanup ancillaries
- Fast return to service of the caisson due to the speed of liner installation
- All caisson diameters catered for
- Reduced POB (Personnel on Board) time and transportation
- Conventional container shipping for the complete installation kit
- Client's incumbent contractor can be trained to install the system OR via our expert CIPP team

JOINT OVERLAP/WATERTIGHT BOND/ANOMOLIES SEALED



REPORT ON ANTIMICROBIAL EFFICACY TEST FOR PIPE COATING RESIN BASE AND ACTIVATOR SAMPLE

- The sample Therma light resin base+ resin activator-REPHYT-AM after 72 hrs has shown an antimicrobial efficacy of 99.998% against Staphylococcus aureus.
- The sample Therma light resin base+ resin activator-REPHYT-AM after 72 hrs has shown an antimicrobial efficacy of 99.998% Escherichia coli + aganist.

Summary of the report: The tested sample has shown excellent antimicrobial efficacy against Staphylococcus (Gram-positive bacteria) and Escherichia coli (Gram-negative bacteria).

- ASTM E2722 TEST METHOD FOR THE SCREENING ASSESSMENT OF ANTIMICROBIAL ACTIVITY
- THE JAPANESE INDUSTRIAL STANDARDS (JIS) RAPID SCREEN METHOD
- AATCC 147 TEST METHOD FOR ANTIBACTERIAL ACTIVITY OF RESIN SAMPLE: PARALLEL STREAK
- AATCC 100 ANTIMICROBIAL TEST METHOD FOR RESIN SAMPLE: ASSESSMENT OF ANTIMICROBIAL FINISHES ON RESIN SAMPLE

FOR FURTHER INFORMATION PLEASE CONTACT:

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