ENECON® NEWS
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FLEXICLAD DuraTough Solves Severe Cavitation Problem for the Panama Canal

An ENECON Fluid Flow Systems Specialist was asked to solve a very serious problem the engineers at the Panama Canal were experiencing. Severe cavitation damage on the propeller guard on their tug boat was an on-going concern. Although many different coatings were tried, none were tough enough to withstand the very aggressive service conditions that these boats operate in.

The Panama Canal engineers turned to ENECON for help. Almost **$20,000 worth of DuraTough DL** was applied to protect the propeller guard under the watchful eyes of the ENECON Field Engineer.

Applied under the most difficult environmental conditions (very high temperatures and high humidity) in June, the installation went like clockwork. Inspected after 12 months of very tough service, the DuraTough was found to be in “absolutely perfect condition”. The Panama Canal engineers are delighted with the outstanding cavitation resistance of the this extraordinary elasto-ceramic polymer composite.

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