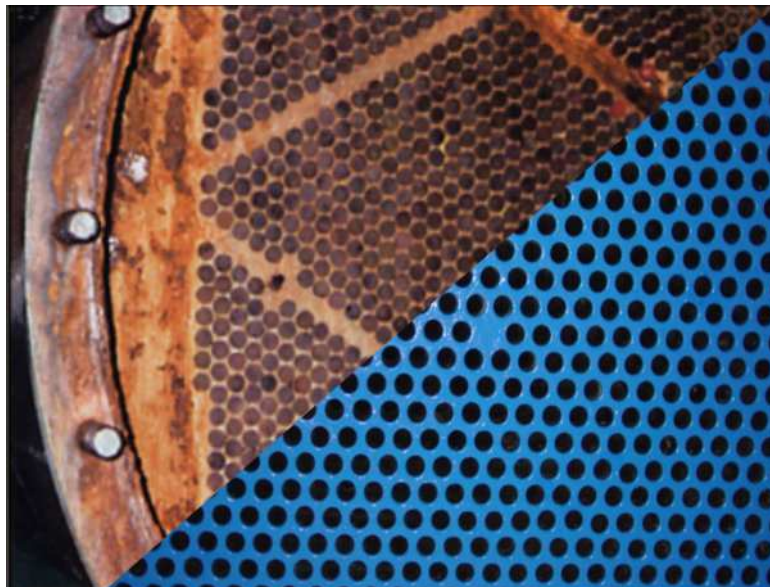


## Heat Exchanger Repair and Protection with High Performance Polymer Composites and Coating Saves Money

The need for heat exchanger repair is a common problem.

If you are a maintenance professional, you know that heat exchangers are critical fluid flow components found in all types of industrial and commercial facilities as well as municipal and institutional complexes. They are widely used in refrigeration and air conditioning in just about every type of commercial building as well as steam condensation in power plants, petrochemical plants, pulp and paper mills, waste water treatment facilities and countless other applications.

**Heat exchanger coating costs a fraction of replacement.**



A common problem for maintenance engineers is erosion and corrosion damage to water boxes, division plates, end covers and tube sheets. While typical heat exchanger repair procedures include welding or replacement, these solutions are normally expensive and require significant down-time.

However, one **heat exchanger repair** solution enables maintenance professionals to repair, resurface and protect heat exchanger components quickly, easily, and economically. ENECON<sup>®</sup>'s METALCLAD<sup>®</sup> CeramAlloy<sup>®</sup> systems have been shown to provide long-term performance and, thus, extend the life of this vital fluid flow machinery and equipment. These are the heat exchanger coating systems available through ENECON<sup>®</sup>:

- **CeramAlloy<sup>®</sup> CP+AC** is a 100% solids, trowelable, repair and rebuilding polymer composite that can be used to restore damaged components back to their original shape and contour. It can be sanded and ground just like metal and exhibits outstanding adhesion to all types of metal surfaces.
- **CeramAlloy<sup>®</sup> CL+AC** is a 100% solids, liquid polymer system that can be applied with a brush or roller and is used to protect heat exchanger surfaces that can be damaged by erosion and corrosion, i.e. tube sheets, water boxes, division bars and end covers.

Using a high performance **heat exchanger coating** to rebuild and protect heat exchanger surfaces can provide 'better-than-new' performance at a fraction of the cost of traditional repair and replacement procedures. ENECON<sup>®</sup> CeramAlloy<sup>®</sup> High Performance Polymers have also been used extensively on new heat exchangers to dramatically extend their usable life. Some leading original equipment manufacturers use CeramAlloy<sup>®</sup> on their new equipment in order to provide their clients with improved long-term performance and reduce warranty call-backs.

**METALCLAD<sup>®</sup> CeramAlloy<sup>®</sup> CP+AC and CeramAlloy<sup>®</sup> CL+AC** are manufactured by, and available from, **ENECON<sup>®</sup> Corporation**. ENECON<sup>®</sup> Fluid Flow Systems Specialists can help you with your application and requirements. For more information on how you can protect your industrial investment, visit our website at [www.enecon.com](http://www.enecon.com) or call us at 516-349-0022 or toll free 888-4-ENECON<sup>®</sup> (36-3266).

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