



**plastocor**  
international



# **plastocor<sup>®</sup>** **State-of-the-art Technology**

Holistic condenser and cooling water cycle protection, repair,  
lifetime extension and optimisation

Since 1956 your trusted partner in the field

1956 **plastocor<sup>®</sup>** Cladding System

1980 **plastocor<sup>®</sup>** Inlet System

1986 First International Licensee in USA & Canada

**plastocor® Technology Systems**

Protecting, repairing, optimising

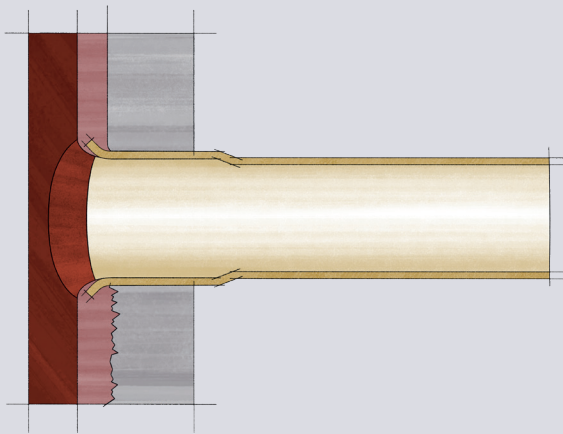
**plastocor® Smart Solutions**

Innovation and efficiency

## plastocor® Cladding System

Condenser tube sheet protection - the original **plastocor®** Cladding System provides long-term protection against galvanic corrosion, dealloying, fouling, and erosion of new and old tube sheets and tube inlets. A low-cost alternative in the repair of corroded tube sheets, **plastocor®** Cladding also guarantees lifetime extension of 25 years, optimising cooling water cycle equipment.

**plastocor®** Technology Systems - complete protection from corrosion and erosion

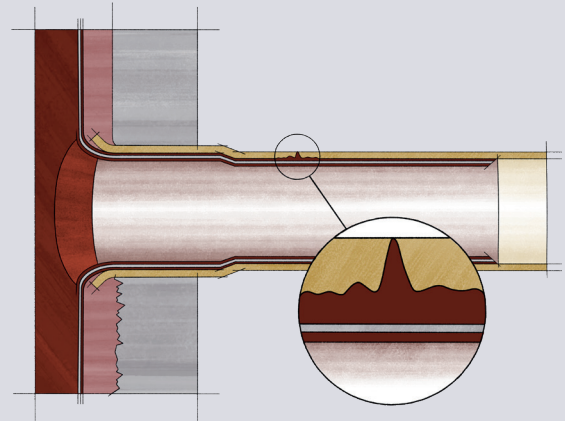


Repairs and rebuilds lost tube sheet material  
Strengthens tube-to-tube sheet joints  
Guarantees optimal lifespan  
Sustainable protection from corrosion

## plastocor® Inlet System

Condenser tube end inlet and outlet protection - the original **plastocor®** Inlet System protects new and repairs old condenser and heat exchanger tubes, from inlet and outlet end erosion and corrosion, while also eliminating the risk of step-erosion. A specially engineered method of multiple layers contributes to optimising budget and operational planning.

**plastocor®** Smart Solutions - optimising reliability, availability and productivity



Guarantees leak-free operation  
Reduced leakages, reduced shutdowns  
Eliminates step-erosion  
Bridges small perforations of tube end inlet and outlet



**CLADDING SYSTEM**  
> 4,800



**INLET SYSTEM**  
> 1.2 million



**TUBE LINING SYSTEM**  
> 1 million

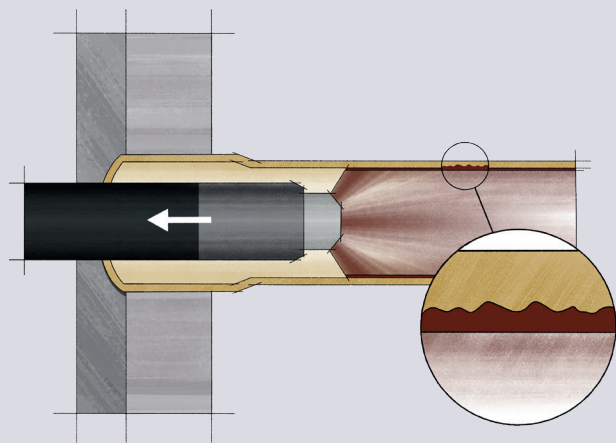
**plastocor® Sustainable Applications**  
Environmentally conscious. Worker safety

**plastocor® One-stop Turnkey Services**  
For made-to-measure, simple solutions

## plastocor® Tube Lining System

Full-length tube protection - the original and patented **plastocor®** Tube Lining System supplies a unique form of recuperating already lost tubes and preventing costly retubing of condensers. Engineered to endure extreme conditions of erosion, corrosion and fouling in different cooling water environments, it also eliminates the need for chemical cleaning of the coated tubes.

**plastocor® Sustainable Applications** – delivering smart, simple, sustainable solutions

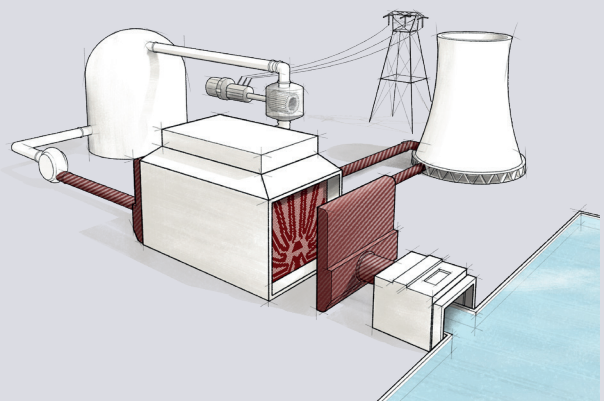


Reduced heavy metal discharge  
Reduced fouling  
Improved sustainability  
Safe to apply in confined space, non VOC or HAP

## plastocor® Coating System

Ultimate protection of the entire Cooling Water Cycle - **plastocor®** High-Performance Coating System for all cooling water equipment ensures condenser protection from start to finish. Applied in combination, **plastocor®** Technology Systems offer ultimate protection, life-time extension and repair of condensers and cooling water cycle equipment for optimal performance of units.

**plastocor® One-stop Turnkey Services** - your go-to-reference for all corrosion and erosion solutions



Applicable to both old and new cooling water cycle equipment  
Compatible with all substrates, e.g. different metals, concrete, carbon steel, etc.  
Applied across all industries, environments and climatic zones  
Made-to-measure solutions, available worldwide



**COMPANY**  
EDF-CAS 1 certified



**SYSTEMS**  
NUPIC listed



**MATERIAL**  
ISO 9001:2000

Swiss Power Plant Protection since 1956

**plastocor®** Technology - ultimate protection for cooling water cycle equipment from Day One



#### Excellence delivered!

**plastocor®** bespoke approach is a made-to-measure service – our one-stop turnkey solutions involve initial analysis and diagnosis of a given problem, on-site inspection and evaluation, surface preparation, solution application and maintenance, plus aftersales services.

## **plastocor®** State-of-the-art Technology

Over 60 years of continued investment in Research and Development - at plastocor-international SA we value development that is innovation-driven, while firmly anchored on traditional values and know-how. Key to solving the multiple challenges in condensers and heat exchangers is finding innovative, simple and effective solutions like the selection and use of 100 % solids, zero VOC, non-flammable, solvent-free polymeric epoxy based materials.

**plastocor®** pioneer Technology Systems provide holistic, long-term, maintenance-free protection and, used in combination, secure optimal lifespan extension of all cooling water cycle equipment.

Third generation Kreiselmaier family - committed to a tradition of excellence



60 years of innovation



50 countries worldwide



2,000 power plants



plastocor-international SA  
Avenue de la Gare 3  
CH-3960 Sierre, Switzerland

+41 27 456 49 55  
info@plastocor-international.com  
plastocor-international.com