

**plastocor**international

**Sustainable Solutions  
Coatings, Claddings & Services  
for Power & Petro-Chemical Industries**

**Corrosion & erosion protection, maintenance & life-extension  
for the entire cooling water cycle & related equipment**

# plastocor<sup>®</sup> — Systems

The only original sustainable epoxy claddings & coatings

## Application

**plastocor<sup>®</sup>** systems can be applied worldwide, on-site & in OEM facilities during regular shutdown times on a turnkey basis.

## Industries

**plastocor<sup>®</sup>** systems are suitable for use in the petro-chemical & utility industry, refineries, desalination plants, etc.

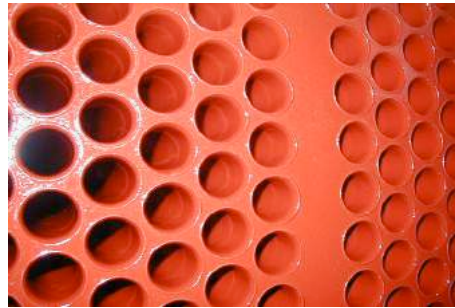
## Original<sup>®</sup>

Our systems are the only original **plastocor<sup>®</sup>** epoxy coatings, cladding materials & application systems



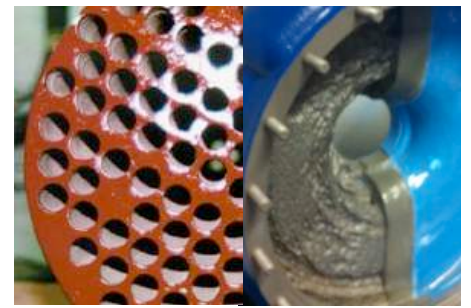
### Tube Sheet Cladding

P2000 thick film cladding is used for long-term protection of tube sheets against corrosion and erosion as well as secures tubes to tube sheet joints guaranteeing leak-free operation.



### Tube Lining & Inlet Protection

Tubes with a total length of up to 20m and  $\geq 16$ mm id can be coated internally. Simultaneously, in- and outlets are stratified with a ceramic-epoxy termination eliminating the chance of step erosion.



### HX & Pump Repair

Scrapped pumps and coolers can be refurbished to a practically new condition in only a short period of time by applying high wear resistant **plastocor<sup>®</sup>** high performance coating materials.



### High Performance Coatings

**plastocor<sup>®</sup>** high performance coating materials are suitable for use in the entire cooling water cycle, tanks, circulating water inflow structures, containments, FGD systems, desalination plants, etc.



### RPR – Induction-based Method

RPR is an innovative induction-based system for the removal of paint, rust, other coatings, rubber linings, etc. by electromagnetic induction. It needs no grit, no water, no dust – the only residue is the delaminated paint or coating.

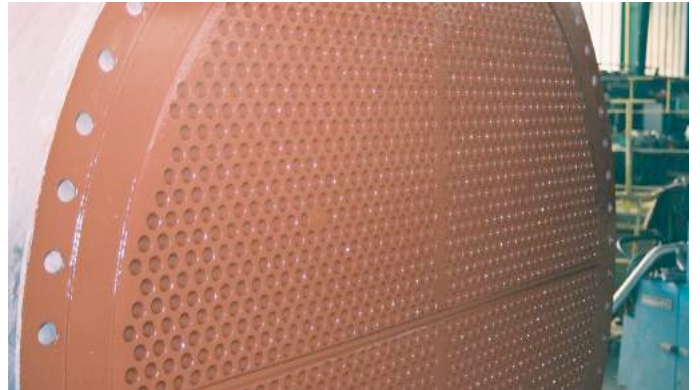


### Wind Towers

We supply an innovative, UV-stable, abrasion and impact resistant coating system that combines the strength and longevity of an epoxy with the colour stability of a polyurethane for the coating and protection of wind towers (splash zones, nacelles, blades, foundations).

# plastocor<sup>®</sup> — Tube Lining System

Unique onsite internal, full-length tube coating



Mobile onsite **plastocor<sup>®</sup>** tube lining equipment for the internal coating of heat exchanger and condenser tubes

Typical onsite setup for **plastocor<sup>®</sup>** tube lining application to a condenser of a power plant

Specialised **plastocor<sup>®</sup>** personnel or approved applicators/licenseses perform our services

## plastocor<sup>®</sup> — Solutions

### One-stop Turnkey Services

#### Situative Evaluation

- Problem evaluation, incl. leak detection & Eddy current testing
- Improvement proposal incl. onsite, made-to-measure solutions

#### Surface Preparation

- Tube & surface cleaning incl. UHP & chemical cleaning
- Dustless grit blasting
- RPR – inductive paint removal

#### Intelligent Solutions

- Tube sheet cladding
- Tube Inlet/Outlet protection
- Entire internal tube coating

#### Additional Services

- Maintenance & After-sales services
- Tank bottom wall testing
- RPR – inductive paint removal

# plastocor-international SA

Leading experts for corrosion & erosion protection of the entire cooling water cycle

## Know-how

Over 50 years of **plastocor**<sup>®</sup> experience & expertise in the utility industry based on our worldwide track record

## Sustainability

All **plastocor**<sup>®</sup> coating materials are 100% solids, epoxy non-solvent, non-VOC for over 30 years

## Systems

The only original **plastocor**<sup>®</sup> epoxy coatings, cladding materials & application

# plastocor-international SA

Some Users & Contacts



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