



ECP Corrosion Protection

More and more, system engineers are requesting components with improved surface protection against aggressive environments.

Atos R & D department extensively experimented many anticorrosion treatments on parts of valves and deeply tested rust protection by using salt spray equipment.

Finally a new E.C.P., Enhanced Corrosion Protection, has been established and applied on Atos valves in order to grant an improved rust resistance over 120 hours in salt spray atmosphere, the photo shows a valve without-with ECP after testing.

The ECP main features are:

- Zinc coating with black passivation for valve component parts in steel and cast iron
- Black opaque anodizing for aluminium caps, electronic boxes and protection
- Natural gloss light grey anodizing for aluminium name plates
- Zinc coating with grey or black passivation for coils-external metallic parts
- Black plastic encapsulation (Rynite) for other coils and for coil's nut rings
- GEOMET 500 ML grey protection for screws

For heaviest applications other special protection treatments are available on request with rust resistance over 200 h in salt spray. Alternatively the Atos range includes also stainless steel valves.

Look at: www.atos.com