



We Care For Your Health Asset
& The Environment

Disclaimer:

Strict adherence to the Standard Operating Procedure (SOP) is required in order to obtain highest quality result(s).

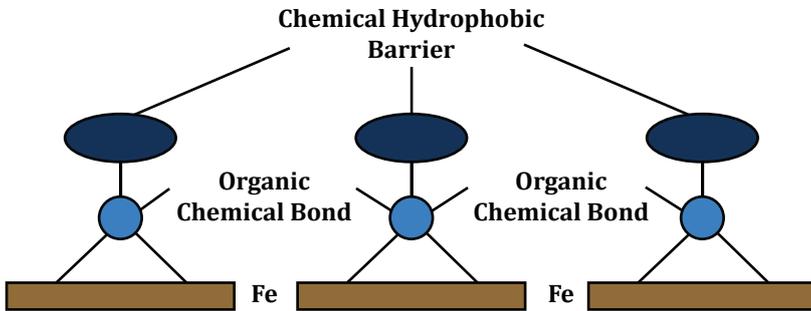
ENVIROTHANE RUST CONVERTER (AERC)

- **Converts surface corrosion to a passive hydrophobic layer.**
- **Excellent surface to be over coated in a wide range of atmosphere exposures.**
- **Very good adhesion and resistance to salt environments.**
- **Simple and cost effective.**
- **Safe and environmentally responsible.**



AIRESTEC ENVIROTHANE RUST CONVERTER (AERC)

Airestec Envirothane Rust Converter (AERC) is a new technology rust convertor system. It is ideal in areas where it is impossible to fully remove heavy rust. Airestec Envirothane Rust Converter (AERC) converts surface corrosion to a passive hydrophobic layer that provides an excellent surface to be over coated in a wide range of atmosphere exposures. Rust is a major industrial problem throughout the world. The removal and treatment of rust affected structures is typically expensive, dangerous, and harmful to the environment.



It is effectively used in severe rust areas where optimum blast cleaning is not possible such as:

- Chemical Plants
- Severe Marine Environments



AERC prolong equipment life (prevent asset damage) and effectively used in severe rust areas. Wire brushing is all it takes to remove the corrosive loss flakes. Provide excellent salt spray resistant and also good resistant to biofilm (bacteria, fungal and mould growth). Simple, cost effective, safe and environmentally responsible. An AERC converts into an excellence surface to the overcoated in a wide range of atmosphere exposures. It is ideal where budget is a restrain and/or shut down is not possible.

Corrosion can reduce system efficiency by as much as 40% within a period of 12 months. Microbial induced corrosion (biofilm) on surfaces cause the nation billion of dollars yearly in equipment damage, product brittleness, oxidisation and energy losses.



Airestec Envirothane Rust Converter (AERC) converts surface corrosion into a passive, hydrophobic layer. It also forms a barrier to resist water vapour, oxygen, CO₂, and radon. It provides excellent salt spray resistance, and also good resistance to bacterial growth. The partially dried AERC, already showing the purple colour of the iron chelate formed. Purple colour shows the original rusty metal. AERC gives a clear coat over sound paint. The right hand side of the area being treated is being coated with a conventional solvent borne system.

This source of contamination provides perfect environment for another growth, such as bio-film (jelly), bacteria and mould. These contaminations will circulate throughout the entire system, homes and buildings several hundred times a day. The IAQ is definitely compromised and will slowly but surely cause devastation affects to human health in the building.