

Proven range of anti-corrosion primers

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We are committed to providing the most effective solutions to the problem of corrosion. So we are constantly investing resources towards innovative new ideas and the development of more effective systems and procedures.

Our technology is unique. Corroless Rust Stabilisers contain an active anti-corrosion pigment that will react with red iron oxide (rust) on the steel substrate and stabilise it to form an inert oxide of iron called magnetite.

Because it bonds onto the steel substrate, magnetite will not break or flake away and cause further corrosion. In Addition, magnetite is stable,

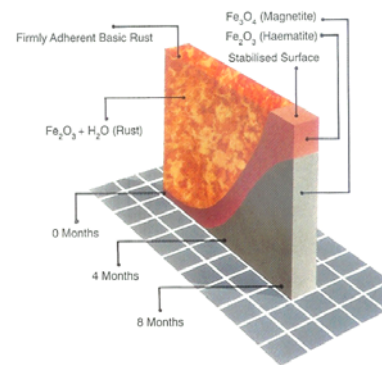
And so prevents blistering and sub-film corrosion (or 'rust creep') should external damage to the coating occur.

And in tests by universities, institutes and users throughout the world, the Corroless rust stabilisation technology has been proven conclusively to provide effective protection against corrosion.

Protection in three stages

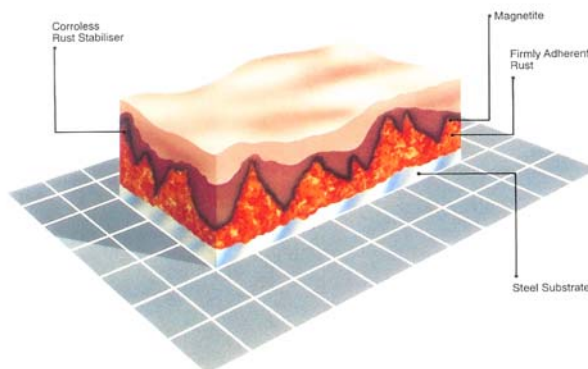
Corroless Rust Stabilisers protect in three ways:

Firstly, being designed to penetrate deeply into the firmly adhered corrosion, Corroless Rust Stabilisers force out all the moisture and oxygen present within the rust strata that would otherwise act as a catalyst to future corrosion.



Secondly, Corroless Rust Stabilisers cure to form a hard, primed surface that is both durable and resistant to abrasion and chemical attack. This serves to protect the steel from moisture and oxygen or other contaminants, and also provides a base for overcoating with decorative finishes designed to resist particular chemicals or that protect against mechanical and abrasive damage.

And thirdly, the unique pigment contained within the coating starts to react immediately on contact with the rust. This electrochemical reaction stabilises the rust into magnetite to form an integral part of the metal substrate, and so give maximum protection.



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Simple to apply in any situation

Because of their special formulation, Corroless Rust Stabilisers are easy to use, requiring minimal surface preparation beforehand. Methods such as scraping, wire brushing and needle-gunning are used to remove loose or flaking rust deposits and then Corroless Rust Stabilisers are applied directly to the surface for efficient and total protection

And, as well as being simple to apply, Corroless Rust Stabilisers are safe. Unlike conventional rust 'converters' Corroless Rust Stabilisers do not contain any acids, lead or other toxic substances.



Complete anti-corrosion systems

Corroless has developed a series of complementary technologies that can be utilised together to counter the effects of corrosion.

In addition to Rust Stabilisers, Corroless Reinforced Finishes and Corrosion Inhibitors provide a comprehensive system for complete corrosion control

Corroless Reinforced Finishes contain millions of heat-hardened glass flakes which self leaf to provide a continuous barrier against the extreme conditions of the marine environment.

And Corroless Corrosion Inhibitors can be incorporated into a wide range of media to reach and control inaccessible areas of corrosion damage



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