

Long life protection from corrosion

A new standard of protection

Conventional coatings are permeable to moisture and gases, which filter down to attack the steel substrate below. So to protect the substrate from corrosion, it is therefore necessary to reduce the permeability of the coating by reinforcing the finish. Corroless Reinforced Finishes use a patented technique of self-leaving glassflakes to form an impermeable barrier to protect against the chemical and abrasive conditions of the marine environment.

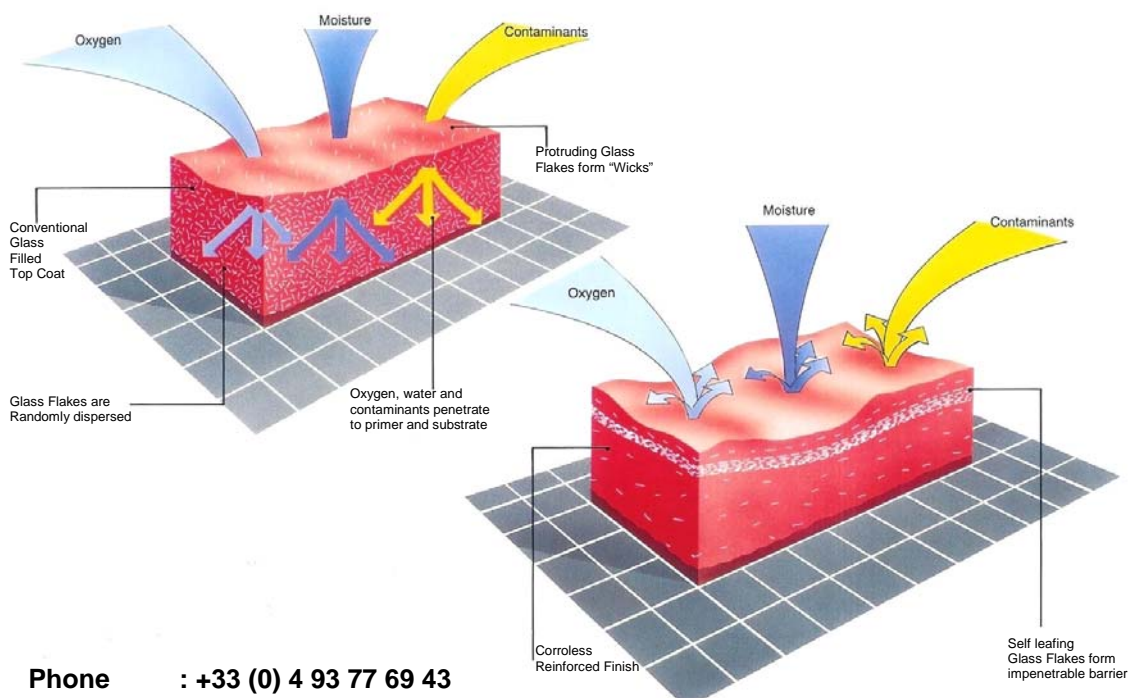
High performance from reinforced finishes

Corroless Reinforced Finishes contains millions of heat-hardened, borosilicate glassflakes.

These minute platelets of glass are treated using a patented technique so that, upon application of the finish, the platelets self-leaf and laminate together to form an impermeable barrier of glass within the film.



Under rigorous test conditions, both in the laboratory and in practical applications, Corroless Reinforced Finishes have been shown to outperform conventional coatings with increased chemical resistance and improvements of up to 100 % in abrasion resistance



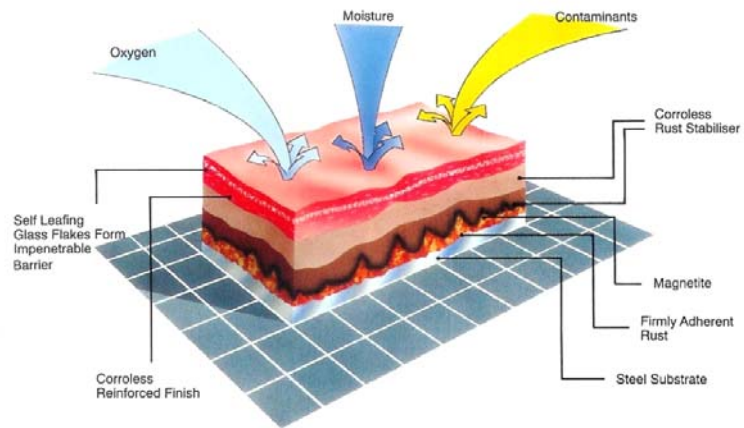
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Specialist finishes for specialist applications

Corroless International has developed a specialist range of reinforced finishes that can withstand excessive moisture, a high degree of chemical attack and heavy abrasion. In addition, Corroless Reinforced Finishes can be applied by a variety of methods to suit the particular conditions of the environment.

Corroless Reinforced Finishes are manufactured under a quality system complying with BS5750 Part 1/ISO 9001/EN29001.



Corroless RF35 Brush grade is approved to BS6920 Part 1 1988 for use in contact with potable water, and has also passed the ASTM (C541—73) standard for resistance to aggressive chemicals.

Complete anti-corrosion systems

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

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

Corroless Rust Stabilisers contain an active anti-corrosion pigment which stabilises firmly adherent rust,



creating a protective barrier and eliminating virtually all sub-film corrosion.

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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