

01 BASIC CONCEPTS

a) CORROSION



Corrosion is a natural process where steel turns into Iron oxide because of humidity and oxygen working together.

It can be prevented by painting a barrier onto the steel. Painting a surface stops the humidity and oxygen working together and causing corrosion.

The resistance of paint to corrosive atmospheres is controlled by the chemicals it is made from. For the correct type of paint to be chosen, you must study in detail the factors involved.

The thickness of the layer is very important. The thicker it is, the more difficult it is for oxygen and humidity to reach the metal and cause corrosion.

