

ABSTRACT

Corrosion is a hazardous process which affects the surfaces of metals used in industry, automobiles and other purposes.

Aluminium is protected from corrosion by a technique, 'phosphating' by virtue of which, a phosphate layer is coated over the metal surface. Phosphating can either be carried out by spraying or by immersion methods. To carry out phosphating at higher temperatures is much difficult, therefore phosphating of aluminium can be carried out at lower temperature in the presence of certain chemicals. Also a phosphated aluminium metal shows better adhesion towards paint.