Arturo Acosta

Communication Skills I

Abstract - Effect of Reinforcement Corrosion on Concrete Cover

During the presentation I briefly explained how the expansive products of corrosion of steel reinforcement in concrete affect said structural element. The main signs of damage as decrease of steel cross sectional area, loss of steel concrete interface, and cracking of the cover. Also explained the main stages of the process from the initiation of corrosion of a healthy element to the filling up of pores leading to cracking. Length of corrosion stages to avoid corrosion and therefore preventing damaging of the structural concrete element.