

Different methodologies are used in practice to control corrosion. Nano coatings are effectively used to reduce the impact of corrosive environment due to their various preferences, such as surface hardness, adhesive quality, long term, as well as high temperature corrosion resistance, to improve their tribological properties, etc. Furthermore, Nano coatings can be used with thinner, smoother thicknesses, allowing for adaptability in equipment design and reduced maintenance and labor costs. Coatings are most commonly used to protect metals from corrosion.