

Powder Coating systems provides an environmental friendly solution towards protection against corrosion.

GRAPHECOAT : Powder coating with Graphene for Aggressive Environments



High Surface Area

Barrier to water, Oxygen and other corrosive materials such as chloride, sulfates etc.

Impermeability

A small addition of GO means giving the paint surface greater hydrophobic qualities, which means that the water droplets have less adherence on the surface.

High Conductivity

Provides alternative path for electrons to travel, other than the metal substrate, thereby retarding the corrosion process.

“ The use of graphene for anti-corrosion applications provides an eco-friendly and industrially scalable replacement to chromium (VI) based coatings ”

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