

GRP-447

Concrete Anti-Stik Coating



Best in Class Solutions
for Anti-Stik Coatings



GRP-447 is a breakthrough in extreme anti-stick coatings. It encompasses the known benefits of nano-ceramic beads with graphene. Graphene is known as being 200 times stronger than steel and when combined with our 9H hardness coating, GRP-447 becomes one of the most rugged coatings available anywhere.

Benefits

GRP-447 prevents cured concrete from permanently bonding to all substrate types.

Low VOC, AQMD compliant formulation is a safe, easy to use coating.

GRP-447 chemically bonds to substrates to create an almost impossible to remove coating. GRP-447 is hydrophobic and oleophobic. It will prevent rust or corrosion on all metal surfaces.

GRP-447 is rated as a 9H hardness which ensures long lasting protection from abrasion.

GRP-447 is immune to diesel fuel or form oils and most other chemicals.

GRP-447 is self priming and doesn't require a primer. It comes with a clear tint base which can be pigmented to any colour desired.

Apply to concrete mixers, trowels, roller tubes, pumper trucks, hand tools, power buggies, concrete vibrators, boots, gear and all other concrete handling equipment.

The Challenge

The extreme demands placed on equipment used for mixing, transporting and placing concrete is further compounded by efforts to keep equipment clean.

Concrete removal is time consuming and reduces equipment life cycles leading to premature equipment failure and expensive replacement costs.

The Solution

GRP-447 is the first anti-stick coating designed to prevent permanent concrete adhesion to metal, plastic, fiberglass, glass and other commonly used surfaces.

The dense composition includes ceramic nano beads combined with graphene to create an almost indestructible finish. Graphene is known to be 200 times stronger than steel and is also known for its high lubricity. When both ingredients are combined, it creates a virtually indestructible coating that will reject concrete adhesion to its surface.

This coating is both hydrophobic and oleophobic. Once applied it will prevent rust and oxidation to all metals and also prevents the adhesion of oils to its surface.

GRP-447 has been designed to chemically bond to the substrate. Removing it from the surface will require a grinder.

Concrete which has been allowed to cure on the anti-stick coating surface is easily removed with a sharp tool such as a spatula or can simply be power washed off the surface. There will be little to no residue left behind to gather more concrete at the next use.

This hard film forming anti-stick coating will cure in under 2 hours in ambient temperature and is impervious to UV degradation, chemical attacks and freeze thaw cycles.