



Rust Grip® & Moist Metal Grip®
Industrial Paints – Protecting Cooling Tower
for Yunus Brothers Group at LuckyOne Mall



Brief Overview

Yunus Brothers Group (YBG)

Is one of the largest conglomerates in Pakistan. Its history can be traced back to 1962 through a trading house. The establishment of the fabric trading business house, turned into a conglomerate in just a period spanning four decades, served as the first milestone in this prolific journey. Since then, Yunus Brothers Group has established various other business concerns in textiles, cement, construction and power generation sectors and has proved its business standing in local and international markets.

LuckyOne Mall

was opened on 2017 and is "one of the largest malls of Pakistan, with state of art facilities recognized for providing an ultimate shopping experience".

LuckyOne mall continues to expand, renovate, & offer an innovative and engaging experience to its audience making it the place to be trendy, happy, entertained, foodie, and the place to be. LuckyOne HVAC system as well power is directly from taken from **Lucky Energy Pvt. Ltd.**, operating under YBG as well.

Challenge

Rusting on Cooling Tower Structure

The facility has arrays of giant cooling towers which are operational 24/7, thus support structure of cooling tower is constantly exposed to chemically treated water splashes leading to severe corrosion problems.



Solution

The industrial coatings were first tested by the team at Lucky Energy heuristically, the project was awarded in two phases, where 40% splash zone was to be coated in phase 1 and if successful, 60% overhead phase would be needed to coated entirely, which finished in 2022.

Rust Grip® (15000 Hours Salt Spray Passed ASTM standards)

Rust Grip® is loaded with a metallic pigment for strength and is also resistant to chemical solvents and acid splash. Rust Grip® provides a protective coating film of superior adhesion and flexibility, and is resistant to abrasion and impact.

It can be used as a primer or as a one-coating system and It is patented to encapsulate lead-based paints and other toxic materials, including asbestos. It can also be applied over pressure-washed, completely dry flash rust and firmly bonded commercial paints.

Moist Metal Grip®

A coating system that has been specifically designed with specific additives to promote adhesion when used on metal.

It can be used directly to wet or damp metal surfaces and maintain excellent adhesion to prevent further surface corrosion. It is a water repelling epoxy for use under water or in areas where constant splashing or condensation is a problem. It is resistant to chemicals and solvents

Enamo Grip®

forms a uniquely hard and durable coating film, which demonstrates unsurpassed semi-gloss and color retention, as well as chalk resistance when used in exterior applications. It is resistant to water and humidity, stains, acids, solvents, and chemicals, as well as having tremendous scuff, mar and impact resistance. Enamo Grip will self-level to an even and smooth finish.

