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FOSEAL

FRP WATER PROOFING

POOLS, SUMPS & TANKS
BUILDING ROOFS & SEALINGS
INDUSTRIAL TANKS & CONTAINERS

Seal forever



FODOF
DOORS & FRAMES

FORA
FRP PLANTERS

FOSEAL
FRP WATER PROOFING

Nowadays, the water leakage problems become nightmare and leaking water not only damages the structures but it destroys the aesthetic look of the building. Water leakage causes growth of fungus and algae; it also causes dampness and leads to the peeling of paint.

When fiberglass was introduced, it presented an incredible alternative to several traditional fabrication material. Today, Fiberglass waterproofing is one of the most sought after products for waterproofing solutions, which have a very long service life, excellent weatherability and less effect on UV radiations.

Why Leakage

Most roofs are constructed using reinforced concrete, which is known to have pores or capillary tracts. Cracks and voids can also form due to thermal expansion and contraction. Depending on the designed strength, density and installation techniques, the number of pores can vary, these pores are interconnected within the concrete where water will penetrate through such capillary tracts aided by osmotic effect. As a result, water will seep through these voids and start leaking.

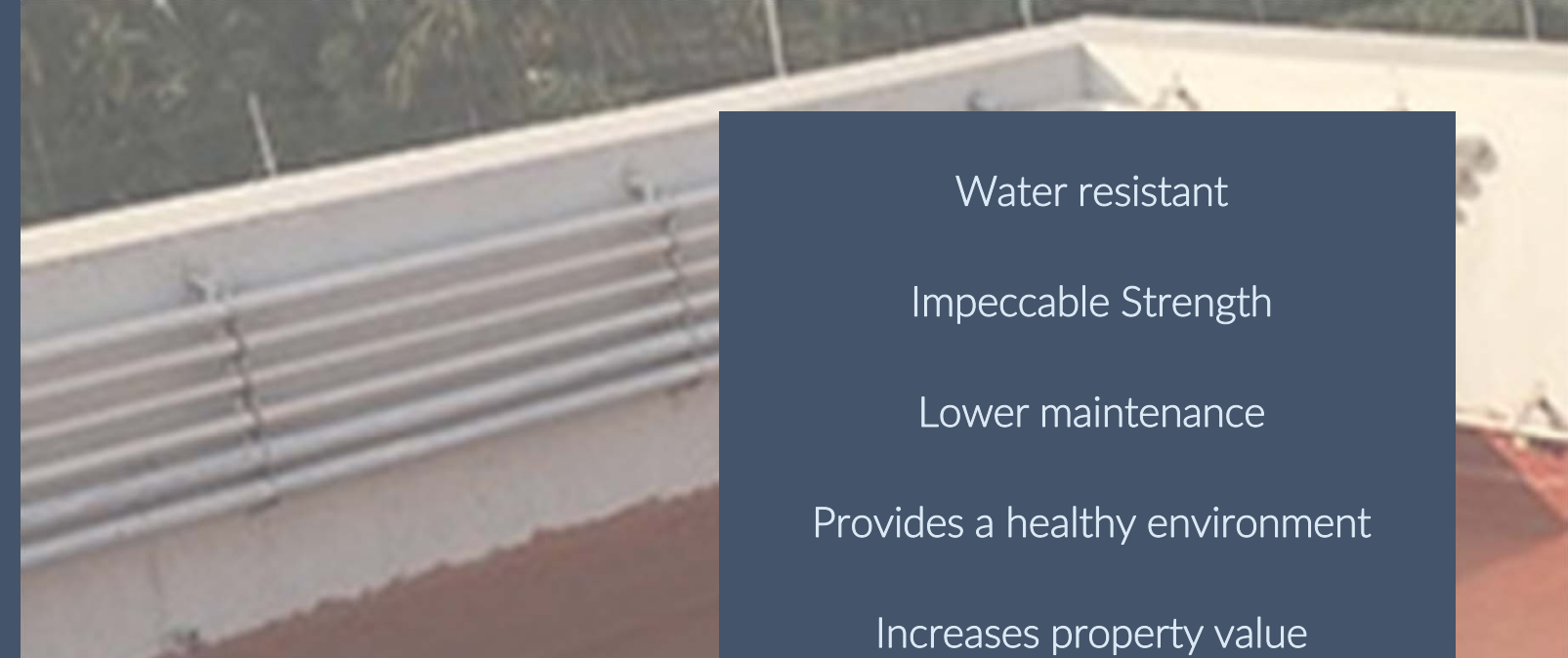
The Solution

Even though there are many waterproofing products available in the market today, the problem of water leakage still exists, and the various stakeholders such as the real estate developers, contractors and end customers are always looking out for a product that would solve the problem effectively and for lifelong.

Our waterproofing technology is based on FRP Composite material, which once chemically processed will become a long lasting rock hard coating over the concrete structure or any other surface with a strong bonding.

Technology

Fiber-reinforced polymer (FRP) composite technology dates back to the mid 1930s, when the first experimental boat hull was manufactured using fiberglass fabric and polyester resin. From this somewhat inauspicious beginning, FRP composites have revolutionized entire industries, including aerospace, marine, automotive, industrial, home and infrastructure. From military applications in the 1940s to the manufacturing industries in the 1950s, the use of FRP composites became the preferred alternative to conventional rehabilitation techniques. Primarily, this was due to their high strength-to-weight ratio, and their inherent and superior resistance to weather and the noncorrosive effects of salt, air and sea.



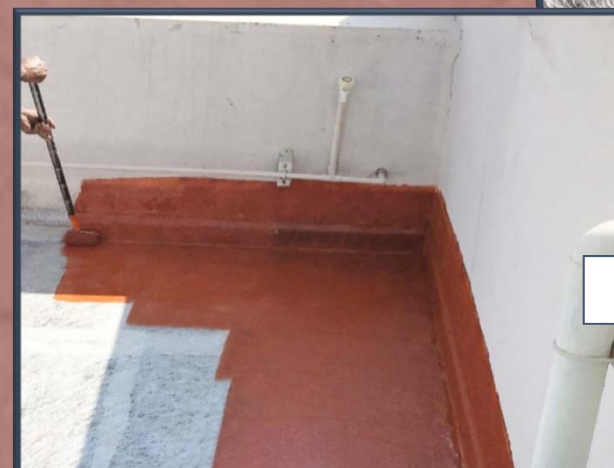
- Water resistant
- Impeccable Strength
- Lower maintenance
- Provides a healthy environment
- Increases property value
- Less effect of UV radiations
- Zero tension lifelong



Primary Coating



Glass Fiber Mat



Secondary Coating