

GRAPHENE-BASED ANTI-CORROSION ADDITIVE

Advanced Corrosion Protection for Epoxy & PU Coatings

A high-performance graphene-based additive engineered to significantly enhance the corrosion resistance of epoxy and polyurethane (PU) coatings, while being completely zinc-free and compatible with existing industrial formulations.

**SLINTEC
TECHNOLOGY**

Performance After 1,700 Hours of Salt Spray Testing



Control Sample: Base coating without any anti-corrosion additives



Commercial Coating: Coating enhanced with Zn-phosphate anti-corrosion additive



SLINTEC Coating: Coating formulated with graphene-based anti-corrosion additive

Why This Additive Stands Out

- ✓ 1500+ salt spray hours tested
- ✓ Suitable for C4 corrosive environments
- ✓ Effective at minimum graphene loading
- ✓ 100% zinc and heavy-metal-free
- ✓ Easy industrial adoption
- ✓ Ideal for coastal and high-humidity conditions

Applications

- ✓ Marine & coastal structures
- ✓ Industrial plants
- ✓ Power, oil & gas facilities
- ✓ Steel infrastructure

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