



# KINETICS®

## Coil Corrosion Protection Options

Kinetics Noise Control is proud to offer polyester based powder coated spring coils as a standard feature on all **Kinetics steel coil spring vibration isolation mounts**. Polyester based powder coating offers superior corrosion resistance versus previously used zinc electroplating finish. This coating provides superior weatherability, excellent hardness, durability, color fastness and good resistance to chemicals and solvents.

**Powder coating and zinc electroplating finishes were tested and compared in a salt spray fog test per ASTM B117 standards.**

FINISH	RESULTS
OLD Zinc Electroplating	Test Terminated after 96 hours due to presence of severe red rusting.
NEW Powder Coating	1000 hours with no sign of rust, test terminated.

Kinetics SH/SRH/SFH **vibration isolation hanger brackets** feature powder coated finish when additional protection is needed in corrosive or outdoor applications.

### Additional Corrosion Protection Options

In applications where Kinetics' isolators will be subjected to heavy salt spray and to an unusually corrosive environment, we offer enhanced environmental protection beyond our standard polyester powder coating for an additional fee.

- An optional three (3) step coating process involves a zinc phosphate rinse, followed by a base zinc primer powder coating, and finished with our polyester powder coating. The three (3) step process is rated for up to 5,000 hours per ASTM B117 standards.
- A second alternative option is the use of unique corrosion control grease. The grease, when applied to the spring coil, withstood 2,000 of salt spray hours with no sign of rust.

Please contact Kinetics Noise Control for specific information on these optional processes.



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