

Salt & Acid Fog Test

ASTM B368 STANDARD TEST METHOD FOR COPPER-ACCELERATED ACETIC ACID-SALT SPRAY (FOG) TESTING (CASS TEST)

This test is designed to put Doxsteel Fasteners through the industry's toughest conditions. In addition to the standard offshore salt spray and salt fog environment, we introduce a mixture of acid fog to test how our bolts hold up to the most hazardous and threatening climates.

Like the standard salt fog test, ASTM B368 only evaluates how long it takes our bolts to accumulate red rust. However, through a large sample size to evaluate consistency, and our signature control of every manufacturing and operational variable, we can provide a more accurate measurement of the average Doxsteel Fastener's performance which we can compare to the best case and average results of other leading coated bolts. The data speaks for itself. Doxsteel Fasteners outperform the competition.

COATING	HOURS WITH LESS THAN 15% OF RED RUST	HOURS WITH LESS THAN 15% OF RED RUST	HOURS WITH LESS THAN 15% OF RED RUST
	BEST RESULTS	AVERAGE (200 TESTS)	AFTER MECHANICAL WORK
Cadmium Plating	60	40	24
Hot Dip Zinc	40	24	24
Zinc Plating	40	24	24
Zinc Plating + PTFE	125	50	24
Ceramic + PTFE	100	65	24
Zn-Ni Plating	200	75	24
doxsteelfasteners	1,300	1,000	250