



VpCI™ SOLUTIONS FOR MILITARY APPLICATIONS

CASE HISTORY

MilCorr®: Tough Enough for Three Hurricanes



DATE
August-September 2004



CUSTOMER
United States Air Force

LOCATION
Orlando and Cape Canaveral, Florida

PRODUCT
MilCorr® VpCI™ Shrink Film

PROBLEM
In April of 2007, the United States Air Force completed long-term testing of Cortec's MilCorr® VpCI™ Shrink Film on several Halvorsen 25K Aircraft Cargo Loaders. This equipment must remain in the United States Air Force inventory for up to 30 years. It was found that, after periods of six months to three years, this equipment showed outstanding resistance to corrosion after being treated with a variety of Cortec® products at the start of the testing.



Florida was hit by 3 major hurricanes in 2004 at the locations the testing was taking place. On August 13, 2004, Hurricane Charley swept through southwestern Florida with winds of 150 mph (240 km/h), making it a strong Category 4 hurricane on the Saffir-Simpson Hurricane Scale. These winds damaged or destroyed thousands of homes, uprooted trees, and left more than two million Florida residents without power. Less than a month later, Frances a Category 2 hurricane struck the southern end of Florida with winds of 105 mph (170 km/h). Frances then moved through the central portion of the state, damaging homes and businesses. Twenty two days later, Hurricane Jeanne - a Category 3 storm, seized the skies over Pensacola, Florida; producing winds of 120 mph (195 km/h).



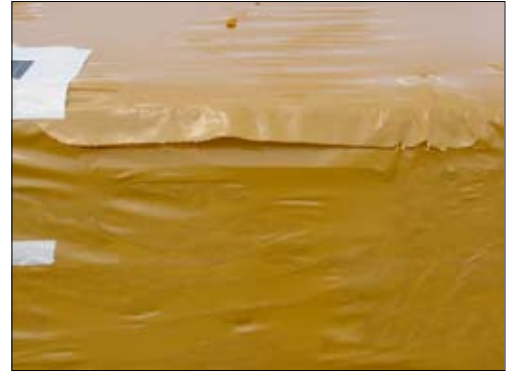
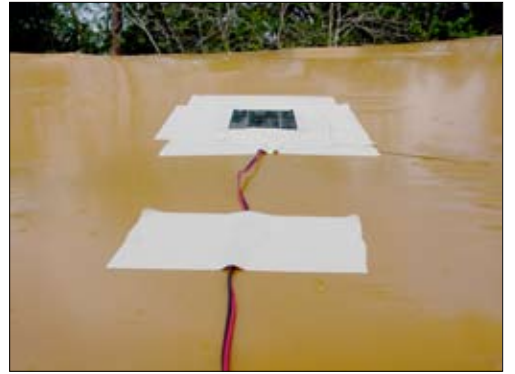
CONCLUSION
Despite the storms and the massive amounts of saltwater and debris hurled through the air, Cortec's MilCorr® protected the Halvorsen Loaders. With a few minor cuts and abrasions, the MilCorr® withstood against the most powerful element of all - Mother Nature. Through all of the testing periods the loaders met all test parameters and performed just as well as before.

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#03E290
2 YEAR STORAGE TEST
LOCATION: FMC (OUTSIDE)
START: 02 SEPT 04



LONG-TERM STORAGE TEST
YEAR 01A TEST
START: 02 SEPT 04