



CORROSION INHIBITING VpCI® POWDERS



CASE HISTORY

Protection Of Floating Dock Gate



DATE

January 2009

CORTEC® REPRESENTATIVE

Corrosion Engineering Limited

CUSTOMER

Harland and Wolff Heavy Industries Limited

LOCATION

Belfast, Northern Ireland

PRODUCTS

VpCI®-309 Powder

PROBLEM

Harland & Wolff in Belfast have one of the largest dry docks in Europe and as such, have ample facilities serving the marine, offshore, and structural fabrication markets. The internal voids, cavities, and recesses of the floating dock gate, were corroded due to the effects of extreme weather and sea immersion.

APPLICATION

During January 2009, VpCI®-309 Powder was sprinkled throughout the accessible areas of the dock gate. The gate was opened and inspected in September 2013, having been in use or anchored out at sea throughout this period. H & W will reapply VpCI®-309 Powder in October 2014 to continue the dock gate protection.

CONCLUSION

Harland & Wolff have chosen to reapply VpCI®-309 Powder as it has proven itself to be the best corrosion protection for this application; it was cost effective, environmentally safe, and easy to apply.



Photos Courtesy of Harland and Wolff Heavy Industries Limited

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