

POLYUREA PROJECT PROFILE

PROJECT:	Wharf pilings coating
INDUSTRY:	Shipping, port management
USE:	Wharf pilings anticorrosion/impact resistance
OWNER:	Shanghai Port Authority, Shanghai, China
SYSTEM:	Aromatic basecoat with Nukote AL topcoat
COATED AREA:	Almost 2,000 pilings
COMPLETION DATE:	Continuing project, started in 2003
INSPECTION RESULTS:	Excellent, thus far

JOB DESCRIPTION: Nukote AL was applied over a standard aromatic polyurea basecoat to provide the required, long-term color stability for this project.

The pilings were blasted and coated inline on a modified lathe system that provided a consistent, steady rotation for the application team to apply an even base and topcoat.

In lieu of primers, an adhesion promoter was added to the basecoat. However, NCS strongly recommends a primer for all submerged applications.

Nukote polyurea was chosen as a long-term corrosion protection coating because it is tough, flexible, saltwater resistant, and its ease of application allowed a long project to remain relatively on schedule.

