CORROSION PROTECTION FOR MARINE STEEL PILES
PCS (Petro Coating Systems Ltd. CANADA)

0 PCS is one of the leading manufacturers of anticorrosion tape systems petrolatum, exporting to many countries throughout the world.

0 PCS products are designed to stop and prevent corrosion in pipes, valves, piles, fittings and flanges in the most extreme environments imaginable.

0 PCS products are used successfully in a variety of applications in oil & gas, pulp & paper, municipal and wastewater industries and routine building maintenance.

0 It is located in Toronto (Canada) is one of the most efficient in their field and have the latest manufacturing equipment.
INTRODUCTION

- The PCS anticorrosive protection system provides splash zone protection for steel structures, concrete and wood.

- The PCS system is ideal for environments where conditions are too severe for paint systems, epoxies and other conventional forms of protection.

- The PCS system seals the oxygen and water, and effectively stops corrosion on metal surfaces.
INTRODUCTION

The system also prevents loosening and corrosion of steel reinforcement in concrete piles. The PCS system encapsulates pier piles, riser tubes and pipes exposed in intertidal zones and splash.

The system accommodates cylindrical piles and H configurations and support members, reinforcement, supports and other uneven surfaces.
SUB SYSTEM AND PRODUCTS

- PCS Primer
- Petrolatum-based primer for use on metal surfaces prior to wrapping with the anti-corrosion Petro Tape.
SUB SYSTEM AND PRODUCTS

- PCS Mastic
- Petrolatum Mastic is used to fill cavities based on uneven surfaces before wrapping PCS Anti corrosion tape.
SYSTEM FEATURES AND BENEFITS

- PCS Liner 6000
- The PC® 6000HD series consists of a proprietary polymer polyolefin, fully protected against UV degradation and oxidation with technically advanced stabilization package
SUB SYSTEM AND PRODUCTS

- Petro Tape
- Synthetic adhesive fabric impregnated and coated with a material based on waxes and oils, covered with vaseline-based compounds and inert fibers.
CHARACTERISTICS AND ADVANTAGES OF THE SYSTEM

Since its first introduction in 1929 petrolatum tapes have established an enviable record of performance and unparalleled asset protection in a number of environments.
Mechanical protection also covers Liner 6000 PCL have stood the test of time in atmospheric environments and aggressive chemicals (30 years +).

- Minimum surface preparation required
- Can be applied under water
- Tested by more than 75-year history of corrosion protection
- Resistance to water, salts, alkalis and acids
- Application for new installations as corroded
- Mechanical covers one piece
- High impact shock resistance and tides.
- High capacity Ultraviolet
- Environmentally responsible and safe to use
- Maintenance free for long
OTHER APPLICATIONS

- Hydraulic systems in marine areas or high salinity.
OTHER APPLICATIONS

- To protect panels and electrical equipment subject to moisture in docks, terminals, etc.
OTHER APPLICATIONS

Protection of pipes, valves, steel flanges underground.
PHOTOGRAPHS