

# COMPOSITE PIPE CLADDING



# ARMORGARD®

Presented by:



ARMORGARD® PROVIDES A LONG-LASTING  
COST EFFECTIVE ALTERNATIVE



ArmorGard® is a seamless, composite overlay which is applied directly to the steel surface, or even on top of FBE or Inconel. After the surface to be protected has been prepared for proper adhesion, the pipe is rotated and wound with glass fibers embedded in a resin matrix. Once applied, ArmorGard® creates an impact and abrasion resistant barrier which can be expected to protect the steel substrate from external corrosion for the service life of the pipe. ArmorGard®, which is patented, has been thoroughly tested and is specified by major oil companies. In addition to these physical advantages, ArmorGard® is competitively priced.

- Specified by major oil companies
- Patented and thoroughly tested
- Protects from external corrosion for service life of the pipe

ARMORGARD® IS AVAILABLE FOR  
VARIOUS APPLICATIONS

ArmorGard® is applied directly to the pipe at our Houston shop. Alternatively, the application equipment can be mobilized to remote locations for large projects. Due to the nature of the underlying technology, ArmorGard® can be applied to any diameter of riser, conductor, or steel. Once the riser is installed offshore, field welds and bends can be protected with TOPCOR Offshore's field applied RiserWrap™ product.

## TRADITIONAL SPLASH ZONE COATINGS CANNOT PROVIDE SERVICE LIFE CORROSION PROTECTION

Marine structures are subject to accelerated corrosion rates in the splash zone, which cannot be adequately protected cathodically. In an effort to prolong the life of offshore platforms and risers, polypropylene, EPDM or other elastomeric coatings are usually applied as part of the fabrication process. Frequently, these coatings are damaged or otherwise compromised (see picture to right) long before the service life of the facility has been reached. Field repair is often not possible, and it may be necessary to replace the coating or even the pipe itself at considerable expense and loss of revenue.

Alternative Splash Zone Coating      ArmorGard®



Visit our website!



TOPCOR Offshore, L.L.C. | Baton Rouge, LA | Houston, TX | (Ph) 1-888-448-8777  
Sales@topcoroffshore.com | www.topcoroffshore.com | (Fax) 1-225-753-7077