



EPOXY SLEEVE REPAIR SYSTEM

Merit -Epoxy Grouted Pipeline Repair Clamps

Merit -Epoxy Grouted Structural Repair Clamps

Epoxy Sleeve Repair System has been designed as leak containment and strengthening repair system for pipeline defects. The repair system consists of two half steel sleeves, extending approximately one and a half diameter, from both ends of the through defect features. The sleeve halves are oversized in relation to the pipeline outer diameter, thus providing an annulus of approximately 25 mm between the internal sleeve and the pipeline. The steel sleeve halves and segments are bolted together.

Installed over the pipeline, the ends of the sleeve are 'capped' with end flanges. Through pre-installed injection ports, the annulus is grouted with a special, low exothermic, high strength load bearing slow curing epoxy resin. This epoxy resin will be used as pressure containment as well as load bearing system.



SPIRAL SHIELD

Best Available Technology in Cleaning Application & Suitability for Purpose

SPIRAL SHIELD is a protection and repair system primarily designed to effectively mitigate corrosion problems at the splash zone areas of risers, conductors, caissons and piles. Due to the constant repetitive pounding of the waves in the splash zone area where there is a high oxygen content, this causes significant corrosion to offshore structures. The splash zone area presents unique repair challenges such as:-

- Application Method
- Strengthening Ability
- Further Corrosion Prevention
- Application Life Span



Spiral Shield Titan



Spiral Shield Forte



Spiral Shield Pile Pro



Repair System designed for online installation for Pipelines, Risers, Conductors and Caissons

FlexiGuide™

Conductor Guide Stabilization System

Stabilize | Centralize | Protect

Flexiguide™ is a conductor guide stabilization system, specifically engineered to stabilize, centralize and protect the conductor and the conductor guide form corrosion, fretting and other wave-induced damage. The system is designed to suit topside offshore application and fit for purpose.

The system consists of a special formulated elastomeric compound flexible polyurethane casting material (FPCM), top cap and may be installed with the optional reinforced panels (when allowance of vertical movement of the conductor is required).

The system, if installed with optional reinforced panels, will permit any vertical movement of the conductor without damaging the conductor.

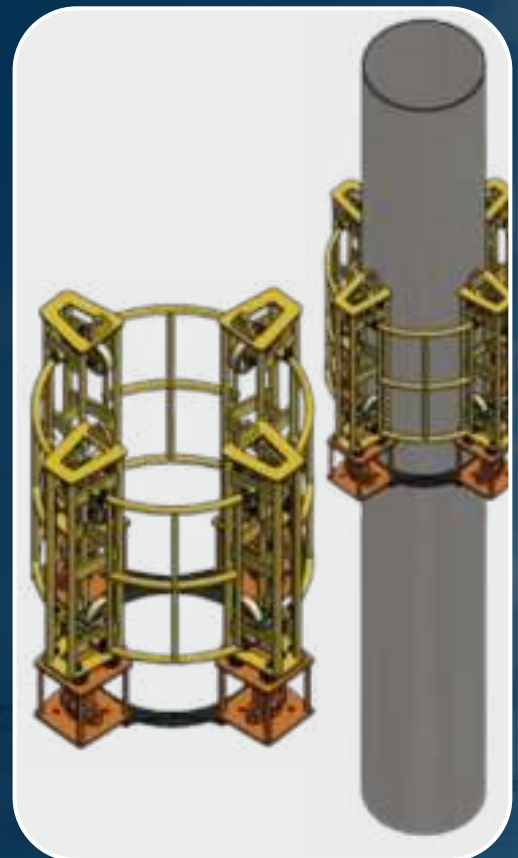


Marine fouling Removal Tool

The Marine fouling Removal Tool is particularly designed for the removal of Marine Growth on Conductors and Risers.

Marine Growth on Offshore Structures has an effect on:

- The Hydrodynamics of the member in terms of diameter and roughness, Propagation of Corrosion, Inspect ability, Overall and increase of mass.
- With the tool we have designed a purpose built tool which can be used without the need for divers to remove marine growth in splash zones and upto 3 meters below mean sea level



Merit
composites

Seri Kembangan, Malaysia

WE OFFER ENGINEERED SOLUTIONS TO

PROTECT DEFEND & PRESERVE

YOUR ASSETS

DUTCHWERK

Total Care Integrity Management & Engineering Services
Netherlands - England - Mexico - UAE - India



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