

HOCKWAY

RETROWRAP

Easy to install **corrosion prevention** for the world's toughest environments



Hockway now bring you **Retrowrap**

– a superior fitting and flexible anti-corrosion system.

The Retrowrap is used to protect subsea and splash zones on inshore and offshore pilings, risers and pipelines. It's ideal for remote places and anywhere that needs quick and easy installation.

Greater Flexibility

Retrowraps are built from a dedicated marine resistant material comprising of 3 inline co-bonded components where a memory enhanced polyamide reinforcing scrim is sandwiched between alternating layers of polyurethane and a polyester felt inner layer to form a composite monocoque fabric.

A water repellent hydrophobic gel containing a wide range of corrosion inhibitors or biocidal treatments is factory impregnated into the absorbent inner layer at rates calculated to provide total substrate protection throughout the design life.

By adding additional layers during fabric production, the physical properties of impact, abrasion, and puncture resistance can be varied to provide a range of Retrowrap solutions for a variety of applications.



Retrowrap

Retrowrap is designed for inshore and certain offshore applications to provide splash zone and subsea protection of jetty piles, cross braces and pipelines from 50mm to 3m in diameter and can be supplied in continuous interlocking lengths up to 4.5m which when installed in multiples provide any total protected length required. Retrowrap is specifically designed to provide easy one piece installation via full length "geon" closure flanges, factory drilled to accept a variety of permanent fasteners.

Hoop tension induced within the fabric during installation causes the gel to flow and encapsulate the pile surface irregularities and lock the jacket into position sufficient to resist Category 5 hurricanes throughout its design life.

- Cold applied – easier to fit, no hot work permit necessary
- Minimal surface preparation
- Easy installation, no primer, filler or tapes
- Easy removal and replacement for substrate inspection
- Environmentally safe
- Abrasion resistant



Retrowrap HD (Heavy Duty)

Retrowrap heavy duty is built to provide greater abrasion and impact resistance and hoop tension necessary for the long term protection of offshore oil and gas risers and conductors and certain inshore facilities that are known to be subject to localized impact or abrasion problems. Retrowrap HD has been designed to be simple and quick to install saving time and money in rigging, roped access and diver costs.

- Multi-layer heavy duty, but easy to manage interlocking modular lengths
- Cold applied, easy installation, no hot work permit necessary
- No need for substrate shotblast preparation
- Full-length flange closure for easy installation
- Easy removal and refitting for substrate inspection
- High hoop tension created in outer skin resists high wave suction forces



Corrosion Rate Monitoring

When required, Retrowraps can be fitted with recoverable corrosion rate weight loss coupons which after independent analysis provide ongoing corrosion rate monitoring throughout the service life of the system. This facility can also be incorporated within a full after sales Q/A monitoring program where each Retrowrap carries a dedicated full traceability serial number for inclusion into as built drawings.



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