

Seal-Bonded Solutions

Structural Asset Integrity
for Offshore

"Cold Pad aims to shift FPSO Structural Maintenance
from Planned Shutdown to General Maintenance."

NON-INTRUSIVE SEAL BONDED SOLUTIONS MAINTENANCE - REPAIR - RETROFIT



"Cold-Pad resolves the impossible equation
of improved safety and reduced OPEX"

VP Operations of an oil gas company

Cold Pad provides innovative, non-intrusive and permanent solutions for the maintenance, repair and retrofit of offshore platforms. We have developed two main solutions, **ColdShield™** and **C-Claw™**, both specially designed for offshore environments like FPSO. Our cold works are revolutionary in the marine world, inspired by composite techniques that have been used for decades in aeronautics. Cold Pad optimized its process for extreme marine conditions, especially FPSO environments, where hot works generate a string of constraints, shutdowns and risks. Our non-intrusive solutions change the game of reinforcement, repair and fastening challenges.

We boast the first class-approved cold work techniques for our **ColdShield™** solution that maximize production uptime, improve safety and reduce people on board (POB).

ColdShield™ addresses corrosion to extend the life of the FPSO hull, deck or side shells, longitudinal or transverse frames as well as Crude Oil Tanks and Sea Water Ballast Tanks.

C-Claw™ is a heavy-duty fastener with a process controlled installation that is non-intrusive, safe and reliable. Applications cover fabric maintenance, repair and retrofit.



Our Triangle of Reliability

This is the DNA at the heart of every Cold Pad product and the very definition of our composite solutions.

Your challenges



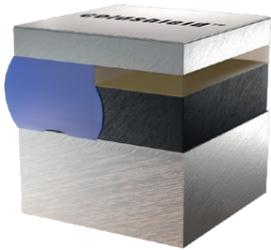
Corroded
Hull

Corroded
Outfitting

Hull
Leaks

Cracks

Fastening



ColdShield™

**Structural
hull repair**

ColdShield™ is a permanent, unique, class-approved, structural reinforcement and repair solution for FPSO Hull girder strength. It addresses issues like corrosion plate thinning, including pitting.

Typical hull applications include corroded decks, side shells, bottom shells, frames, tank structure and offshore offloading buoys.



C-Claw™

**Permanent
heavy-duty fastener**

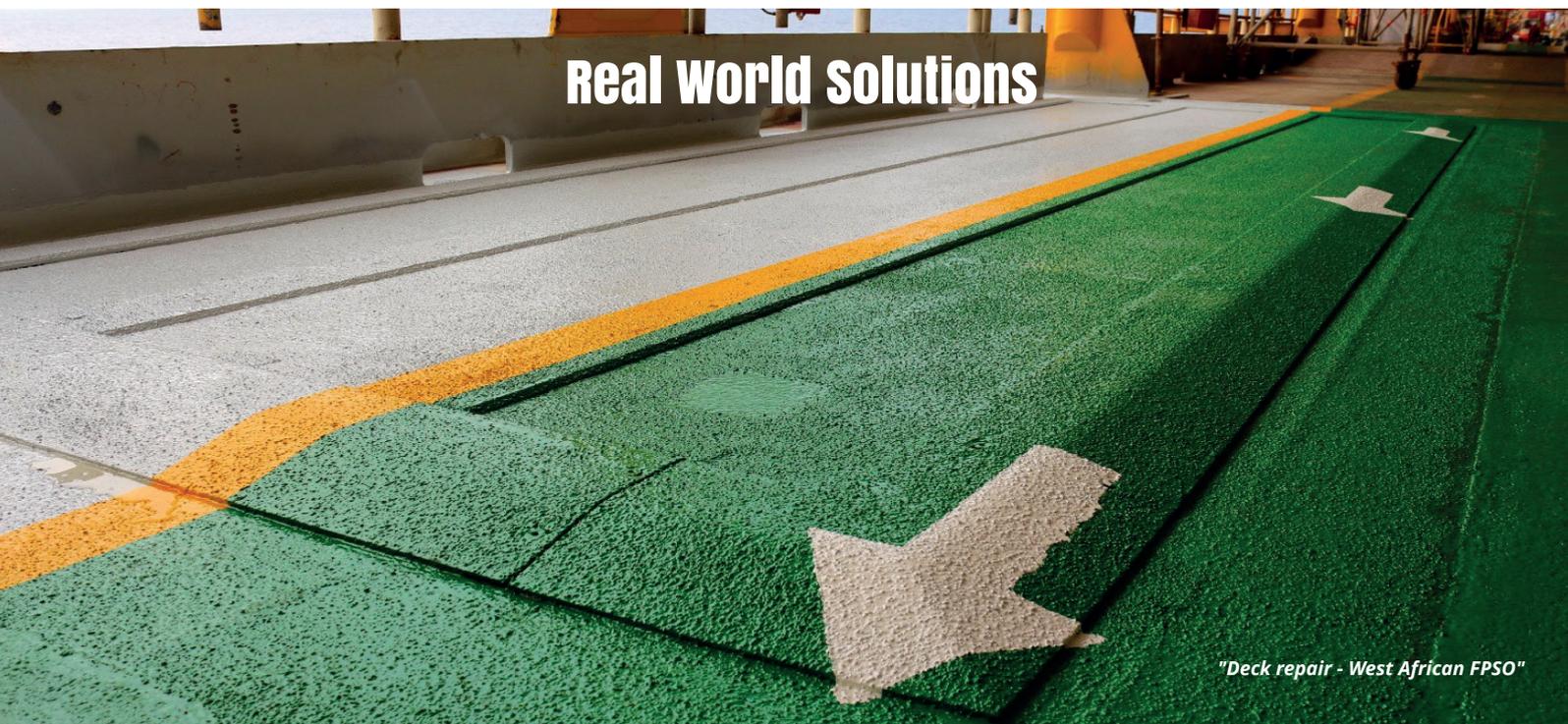
C-Claw™ is the non-intrusive fastener for offshore and explosive environments (Zone 1).

It can be installed on FPSOs and platforms to maintain, repair or retrofit outfittings, including electrical infrastructures (cable trays...), piping (pipe supports) and small skids, handrails, ladders, stairs...

KEY BENEFITS

- Non-intrusive
- Non-disruptive
- Permanent status
- Industrial process
- Extreme durability
- Improved safety
- Maximized uptime
- Reduced POB

Real World solutions



"Deck repair - West African FPSO"



Safe - Reliable - Durable



Advanced Seal-Bonded Solutions
by passionate experts

Cold Pad

130 rue de Lourmel
75015 Paris
FRANCE

tel: +33 97263 2550
email: contact@cold-pad.com

www.cold-pad.com

ColdShield is co-developed with

Class-Approved for permanent Repair

