



PROJECT PROFILE

The Fugro Explorer Offshore Drillship gets an entirely new IMO approved, moisture tolerant decking system in all accommodations areas

CUSTOMER

Fugro Offshore Geotechnics
Tampa, FL

PROJECT TEAM

PolySpec® Construction Services, Inc.
Houston, Texas | January 2011

INDUSTRY

Maritime

PROJECT OVERVIEW

The Fugro Explorer Offshore Drillship was in need of serious renovations to its existing decking system throughout the accommodations spaces. The existing decking system was comprised of a cement based underlayment and vinyl flooring. Due to moisture intrusion from cleaning and maintenance, the vinyl flooring was delaminating from the cement underlayment, and the underlayment was degrading severely.

PSCS was brought in to fully remove the existing decking system down to bare metal. We also were charged with providing adequate surface preparation to the steel deck to allow for proper adhesion of the new system. This project included the installation of a completely moisture-tolerant, epoxy-based decking system. The following areas were renovated: all passageways, all interior stairwells, offices, the galley, and a recreational room.

KEY CONSIDERATIONS

Safety: In addition to being decorative and functional, the flooring product needed to be IMO approved and contain low VOCs due to its use in offshore living quarters.

Waterproofing: The new decking system needed to be seamless to prevent further moisture intrusion issues.

Meet Project Deadlines: The work was performed during a shipyard maintenance cycle and had to be scheduled carefully and completed ontime to minimize accommodation space downtime and shipyard schedule conflicts.

SYSTEM PRODUCTS

- **MS 11 CZ**
Steel Deck Primer
- **PolySpec® IMO Clad**
Epoxy Underlayment
- **PolySpec® Flex IMO**
Vinyl Chip Flexible Seamless Floor
- **Rubber Cove Base**



PolySpec® Construction Services, Inc.
Single-Source Construction Management