



PROJECT PROFILE

IMO-SOLAS certified marine decking meets flexibility & safety requirements of offshore oil rig

CUSTOMER

ENSCO International, Inc.

Broussard, Louisiana

PROJECT TEAM

Infinity Marine Offshore, Inc. • *Houston, Texas*

Worldwide Flooring, Inc. • *Houston, Texas*

INDUSTRY

Maritime

PROJECT OVERVIEW

ENSCO is a leading offshore oil and gas drilling contractor with 45 rigs in operation. This project required the removal and replacement of 12,000 SF of ENSCO #7500 oil rig's original floating floor, which had failed after only four years in service.

In that service time, moisture had collected beneath the floating floor, presenting significant corrosion hazards.

The entire project had to be completed within 45 days!

KEY CONSIDERATIONS

Safety: Product selection was carefully considered well in advance of installation, with new IMO-SOLAS (International Maritime Association) approved certification mandates — which address the important safety requirements for those at sea — guiding the selection process. PolySpec's FLEX® IMO system offers high quality seamless flooring with the added security of ABS and IMO-SOLAS approvals, providing the highest level of federal approval available today.

Timeframe: With the oil rig in port for a limited time, the project required quick, accurate execution. Within this time, the rig's failed flooring was removed, followed by deck preparation and coating.

Reliability: The rig's original floor had failed after only four years of service, so selecting a reliable decking that would provide years of service became an important factor. The selected system is easy to install and provides longer service life than tile, carpet or vinyl sheet products. It requires no waxing or stripping, is fire retardant, and offers excellent wear properties and chemical resistance. Furthermore, this seamless, flexible, waterproof system protects the rig's steel decking from moisture buildup and corrosion, even in the most hostile sea conditions.

SYSTEM PRODUCTS

- PolySpec® 7K®
Deck Top Magnesite Insulation
- PolySpec® FLEX® IMO
IMO Approved Flexible Decorative Chip Seamless Floor



PolySpec Construction Services, Inc.
Single-Source Construction Management

12524 Cutten Road, Suite C | Houston, TX 77066 | 281-453-4390 | 800-738-5042 | sales.usa@polyspec-cs.com | www.polyspec-cs.com

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