



PROJECT PROFILE

IMO-SOLAS certified marine decking meets moisture resistance requirement for offshore oil rig

CUSTOMER

Atwood Oceanics - Eagle

Offshore WA Australia

PROJECT TEAM

PolySpec® Construction Services, Inc. • *Houston, Texas*
Central Systems • *Perth, Australia*

INDUSTRY

Maritime

PROJECT OVERVIEW

The Eagle Offshore Drilling Rig, owned by Atwood Oceanics was experiencing failing decks in a number of locations due to moisture intrusion.

PolySpec Construction, Inc. (PSCI) met with Atwood Oceanics and discussed their fully IMO (International Maritime Association) approved decking systems and turnkey construction management. PSCI designed a system that would withstand the moisture climate.

KEY CONSIDERATIONS

Height Requirements: The existing decking systems was 2.5" thick. The new system needed to meet the same height, to avoid trip hazards and also needed to be lightweight. PolySpec IMO UltraLite weighs less than 1-lb per square foot at a 1/4" thickness and was the ideal recommendation.

IMO Approval: All international vessels and offshore facilities are required to adhere to the International Maritime Organization standards. PolySpec is the leading IMO decking provider.

Waterproofing: The existing decking system was a cement based product that was failing due to moisture intrusion. Therefore, the recommended system needed to withstand the offshore climate. An epoxy based system provides the best repellent for moisture.

Aesthetics: The spaces that were renovated ranged from state rooms, laundry rooms to mechanical rooms. All of these rooms are inhabitable spaces and the recommended system needed to be purposeful as well as aesthetically appealing.

SYSTEM PRODUCTS

- **PolySpec® IMO UltraLite®**
Epoxy Lightweight Underlayment and Leveler
- **PolySpec® IMO LUX®**
Epoxy Terrazzo Floor
- **PolySpec® FLEX® IMO**
IMO Approved Flexible Decorative Chip Seamless Floor



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Single-Source Construction Management

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