



## PROJECT PROFILE

### *Offshore Accommodation Unit uses Decorative Quartz Epoxy Floor Coating!*



#### CUSTOMER

##### **Lonestar Marine Shelters**

Galveston, Texas

#### PROJECT TEAM

Contractor: Lonestar Marine Shelters

#### PROJECT OVERVIEW

Lonestar Marine Shelters designs and manufactures purpose built offshore accommodation units designed for installation on offshore platforms and drilling rigs. These specially designed living and workspaces are designed to meet the rigors of the offshore environment.

PolySpec FLEX FR Basecoat was specified on the Exmar project as a self leveling seamless underlayment system, to be applied directly to the primed steel deck plate at ¼" to ½" thickness. This system provides a tough flexible substrate for finish decking, which is very important to offshore operators. This accommodation unit was designed to be lifted onto the floating production hull. During the lift procedure, the structure experiences heavy flexing, this can lead to cracking or delamination in rigid flooring systems. Flexibility played a major role in the evolution of this specification.

The FLEX FR underlayment was topped with PolySpec TWEDE, decorative quartz broadcast non-slip flooring system. This easy to install seamless decking system provides a decorative interior non-slip decking system, designed for years of use, all while being easy to maintain and clean. The TWEDE system is applied bulkhead to bulkhead, without any visible seams. Unlike tile, the TWEDE system provides a seamless surface, which offers positive water-resistance as well as sanitary benefits.

#### KEY CONSIDERATIONS

**Functionality:** The finished floor had to allow for foot traffic and a non skid surface.

**Flexibility:** One of the major concerns was a finished floor that would allow deck flexing.

#### SYSTEM PRODUCTS

- **PolySpec® 700/710**  
Clear Epoxy Floor Coating
- **Double Broadcast Color Quartz**

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