



PROJECT PROFILE

Marine decking used to re-slope deck on oil production ship to meet fire-safety standards and provide a decorative appearance



CUSTOMER

Husky Oil Operations Ltd.

Elizabethtown, Newfoundland

PROJECT TEAM

Engineer: Poseidon - St. John's Newfoundland

Contractor: Husky Oil - Newfoundland

PROJECT OVERVIEW

Husky Oil's floating production storage and offloading (FPSO) ship, *Sea Rose*, added living quarters to its original design. The challenge was finding an A-60 fire rated insulation and underlayment material that could also be sloped from 1.5 to 12" to level the uneven deck.

PolySpec® 7K® was specified because it met this criteria. The decking was poured in four inch lifts until the total thickness was achieved. PolySpec® FLEX® IMO was installed over the underlayment to provide a decorative and functional finished floor.

KEY CONSIDERATIONS

Fire-rated decking: The underlayment and finished product had to both meet International maritime Organization (IMO) fire safety standards. The standards require materials to be self-extinguishing and not emit toxins or smoke when burned.

Aesthetics: The finished floor had to have a pleasing appearance and be easy to clean.

SYSTEM PRODUCTS

- **PolySpec® 7K®**
Deck Top Magnesite Insulation
- **PolySpec® FLEX® IMO**
Flexible Vinyl Chip Seamless Floor