

CASE STUDY: FLEXIBILITY

Challenges

A high profile Cruise Ship needed a decorative and ergonomic flooring system within its Medical room; tight ship turn around times meant quick application and cure times would be necessary. Special coving would also be required to offer the best possible cleaning and hygiene performance. The specification would also need long term flexibility and be waterproof, with a seamless design continuing through the coved edges.

- Old carpets that needed continuous cleaning
- Failed underlayment causing carpet delamination
- Medical waiting area needed brighter and more welcoming appearance

Key Benefits

- Seamless coving 3.94"/100mm up walls much improved cleanliness
- Flexible resin system and easy underfoot
- Bright and professional long term appearance
- Durable, attractive finish with numerous flake and color options
- Fast cure allows for short turn around time
- Low odor, zero VOC materials make application painless for installers and crew
- Waterproof system sets up long lasting solution
- Excellent chemical resistance

Certifications

- IMO
- Bureau Veritas
- INM - UK Navy



Providing Solutions

A qualified application company applied the SynDeck Flex IMO system to the floor in the Medical waiting room. Existing carpet and failed underlayment were removed and the deck and coved edges were carefully prepared. Then the Bond Coat, underlayment edges and infill repairs were completed the first day and left to dry overnight. The full flexible resin system with chosen flake color scheme was added the following morning and allowed to dry overnight. The seal coats were applied the next morning the next day and within a few hours handed back into operation.

- SynDeck materials provided a very attractive waterproof system that was great underfoot and easy to clean
- The Flex IMO improved the room's aesthetic and provided a seamless finish
- The final decorative appearance was welcomed by the doctors and passengers

The logo for SynDeck, featuring the word "SynDeck" in a bold, black, sans-serif font with a registered trademark symbol. The text is set against a white background that is framed by two horizontal green bars, one above and one below the text.

Premium performance marine deck
underlayment products & systems.

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Application and Equipment

Floor Area: Medical Room

Substrate: Primed steel, deck and edges

Products Used: 1222 Bond Coat, 1290FC Ultra Lightweight Underlayment for infills and repairs, 1285 Flex IMO, clear top coat

Equipment: Brush or roll epoxy materials; steel trowel to apply underlayment repair material and Flex IMO

Applicator: Local SynDeck Application Company



Proven Track Record

SynDeck products have been successfully used in marine environments for more than 30 years. Starting with a base in the US Navy, the line was improved and expanded to meet a wide range of marine environment needs. SynDeck products are a fraction of the weight of traditional materials, highly durable, waterproof, and very user friendly for easy application. The SynDeck line's unique combination of premium performance features maximizes its versatility in varied marine applications.



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