

CASE STUDY: HYGIENIC FLOORING

Requirements

A US Navy support ship needed replacement of damaged and poorly draining flooring in fourteen heads. Standing water caused installed resin underlayment and coatings to fail, producing visible cracks and delamination. Puddling water trapped grime and cleaning chemicals, undermining hygienic standards, maintenance and creating serious slip hazards. This continuous service area required a properly draining, waterproof solution to eliminate standing water and support hygienic standards and safety.



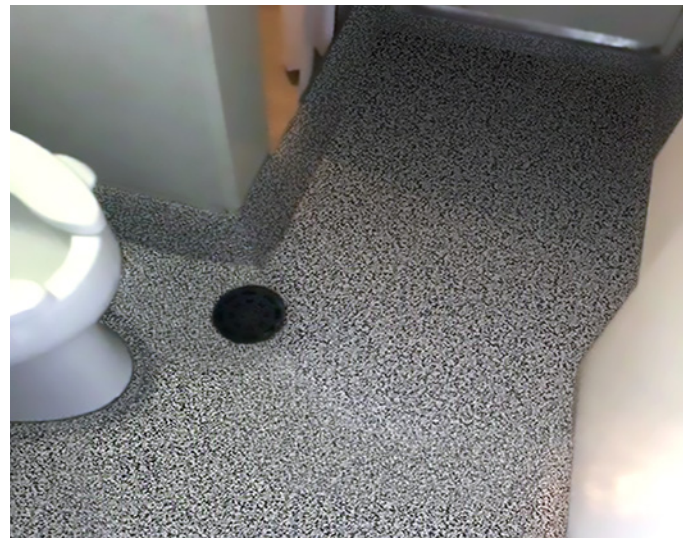
SS Curtiss (T-AVB-4 US Navy support ship)



Cracked, delaminated and discolored original resin deck covering system.

Results

- **Versatile Resin Underlayment** – Allows sloping for proper drainage and coving
- **Slip Resistant** – Full resin system supports addition of various anti-slip additives
- **Seamless** – Continuous underlayment and deck coverings, including integrally coated toilet riser, keep out water and grime for superior hygienics and waterproofing



Installed head floor with decorative SynDeck flexible, waterproof, properly sloping, full resin system.

Considerations

- Improper underlayment and coatings sloping to drains created areas of standing water
- Standing water undermined maintenance and safety, while producing flooring cracks and delamination that further impeded proper cleaning
- Inability to maintain hygienic standards impacted safety and resulted in deck covering staining and discoloration

Solution Overview

An all-in-one, decorative underlayment, full resin system was installed. The seamless SynDeck Ultra Lightweight Terrazzo Anti-Slip system created a raised deck height flooring solution with proper draining that eliminates standing water and supports hygienic standards and safety.

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Damaged, stained and discolored deck coverings in head.

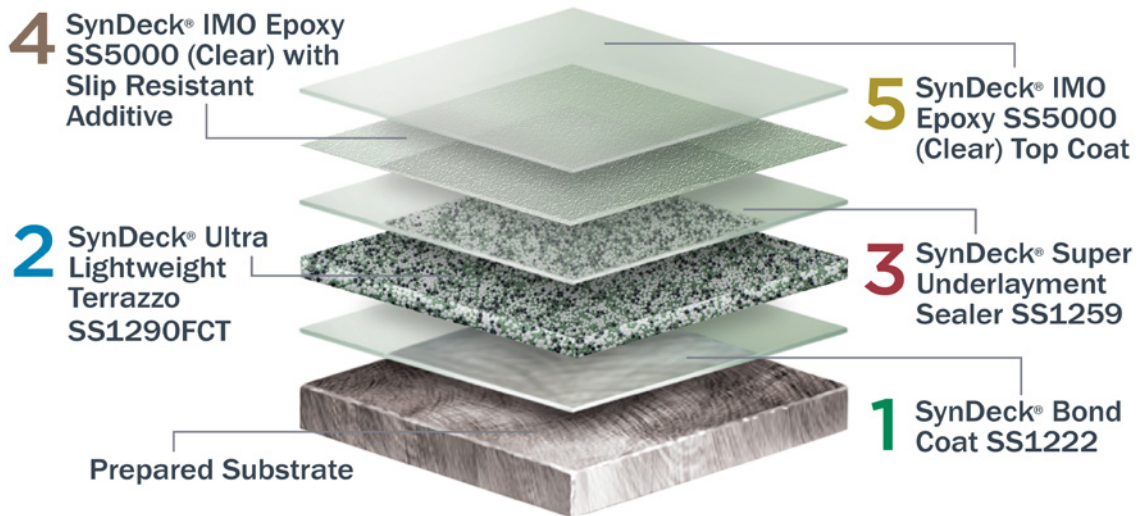


In process installation of a raised deck height, properly sloped, waterproof, full resin terrazzo system.



Installed SynDeck Ultra Lightweight Terrazzo Anti-Slip resin underlayment and coatings system includes integrally coated toilet riser.

System Installed: SynDeck Ultra Lightweight Terrazzo Anti-Slip



About: SynDeck Marine Underlayments and Deck Coatings are developed and manufactured in the US by EPMAR Corporation. Since 1987, we have custom formulated products suitable for the harsh marine environment. SynDeck products are water resistant, light weight, flexible, durable and deliver fast turnover.

DISCLAIMER: The information contained in this case study is intended for illustrative purposes only and should not be considered as a product or system recommendation. Each installation is unique and any product selection must consider specified requirements along with other factors that may impact product application and performance.

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