

QPL Approved Marine Decking Systems



PolySpec

Functional Decking Systems

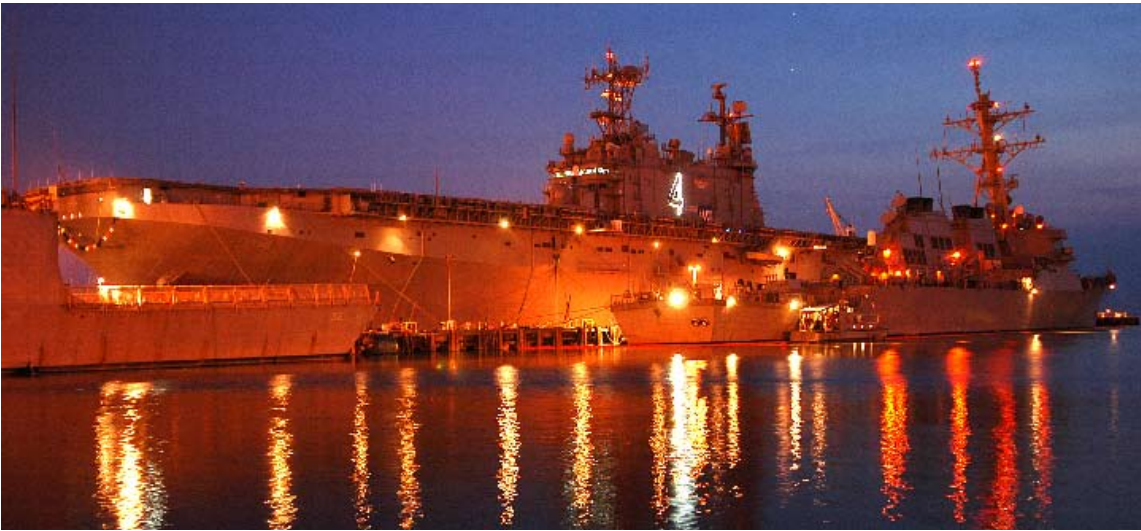


Developing innovative decking products that provide aesthetics, fire safety and meet U.S. Navy QPL Certification.

All U.S. military vessels require US Navy QPL Certification. These products are listed under U.S. Navy military specifications and approvals for marine deck coverings for ships. All deck coatings must undergo extensive testing and field trial to obtain certification.



For Interior and Exterior Surfaces



FLEX FR Flexible seamless color chip **LUX** Epoxy Terazzo **TWEDE** Epoxy Quartz Broadcast
FLOR Seamless color chip **N-SKID** Non-skid epoxy **LITE LATEX** Lightweight Latex, Modified Underlayment
CLAD Epoxy Underlayment **7K Deck Top** A60 Magnesite insulation
DEK Waterproof Membrane **FORANAFT** Latex Mastic Underlayment

Underlayments

7K provides an A60 deck top fire rating when applied at just 1.35" thick. Properly applied, this versatile insulating underlayment provides a sound and smooth substrate for virtually any finish flooring material. Conforms to MIL-D-23134 [REDACTED]. 7K is often applied over machinery and void spaces to provide both thermal and sound insulation properties in addition to its proven fire rating.

700 / 710 CLAD 100% solids 0VOC epoxy underlayment designed to smooth and fair decks in both wet and dry spaces. This trowel applied epoxy mortar is ideal in areas prone to moisture ingress as well as high impact areas, such as galleys and head spaces. Properly applied, this tough underlayment provides an excellent substrate for virtually any finish flooring system. PolySpec 700/710 CLAD is approved on the US governments QPL under MIL-D-3135 Type I, Class 2, as well MIL-D-3135 Type II, Class 2.

LITE Latex is a latex modified cementitious underlayment designed to smooth and fair decks in dry spaces, such as berthing areas, passageways, and common areas. This very lightweight trowel applied system is a cost effective way to underlay dry decks not typically subjected to moisture intrusion or heavy impact. Lite Latex is approved on the US governments QPL under MIL-D-3135 Type II, Class 1.

Finish Flooring

Flex FR is a decorative and functional multi-layer flexible color chip flooring system. The system incorporates a flexible color coat, two clear epoxy seal coats in which chips are adhered, and a final polyurethane topcoat for durability or slip resistance. The system also includes an optional self-leveling waterproof membrane that can be used in conjunction with the decorative finish, or as a stand alone seamless membrane under various finish flooring types. Flex FR is approved under MIL-D-24613 Type I, Class 2, as well as MIL-D-24613 Type II, Class 2. The Flex FR system is ideal for use in virtually any ship space and provides a seamless waterproof finish flooring system that is designed to handle heavy foot traffic, deck flex, and impact.

TWEDE 41 is a decorative quartz broadcast flooring system designed to provide a seamless interior non-slip surface in wet or dry spaces. The system is approved in a single or double broadcast application and is available in virtually any color and varying textures. This low maintenance and easy to install system is used widely in wet spaces such as heads, washrooms, and changerooms. TWEDE is approved on the US governments QPL list under MIL-D-24613 Type I, Class 1. This system is available and approved in both broadcast and trowel applied formats.

LUX is a trowel applied decorative epoxy terrazzo system designed to provide a tough and durable seamless floor. Properly applied this waterproof system can be installed with integrated cove base to detour water ingress at bulkhead junctions, and can be sloped to floor drains to promote hygienic properties within a space. This versatile system is available in several colors and is ideal in high traffic / impact spaces prone to standing water, such as galleys, heads, and laundry areas. LUX is approved on the US governments QPL under MIL-D-24613 Type I, Class 3.

FLOR is an easy to install epoxy color chip "cosmetic polymeric" flooring system consisting of an epoxy color coat, two epoxy seal coats in which color flakes are adhered, and a final high gloss polyurethane topcoat. This multi-function and cost effective system can be applied in virtually any wet or dry space that is not prone to high impact or significant deck flex. Properly applied this decorative and functional system will provide a waterproof seamless floor finish designed for high wear and aesthetics. FLOR is approved on the US governments QPL list under MIL-D-24613 Type I, Class 2.

U.S. Navy QPL Approved Decking Products

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	Product	Recommended Uses	Approvals	Benefits
Finish Flooring	PolySpec FLEX FR Decorative Chip Flexible Seamless Floor	Finish flooring in living quarters, hallways & common areas	<ul style="list-style-type: none"> MIL-D-24613 Type I, Type II, Class 2 ABS Type Approval 	<ul style="list-style-type: none"> Decorative & durable Fire retardant Seamless & easy to clean Lightweight Low odor & 100% solids
	PolySpec LUX Epoxy Terrazo	Finish flooring in living quarters, wet spaces & galleys	<ul style="list-style-type: none"> MIL-D-3134 Type I, Class 2 MIL-D-24613 Type I, Class 3 	<ul style="list-style-type: none"> Terrazo like finish Seamless & easy to clean Cove / slope to drain Low odor & 100% solids
	PolySpec TWEDE Ceramic Floor	Finish flooring in living quarters, wet spaces & common areas	<ul style="list-style-type: none"> MIL-D-24613 Type I, Class I 	<ul style="list-style-type: none"> Ceramic carpet finish Seamless & easy to clean Low odor & 100% solids Non-slip surface
	PolySpec FLOR Chip Seamless Floor	Finish flooring in living quarters, hallways & common areas	<ul style="list-style-type: none"> MIL-D-24613 Type I, Class 2, 	<ul style="list-style-type: none"> Seamless & easy to clean Low odor & 100% solids Very lightweight
Underlayment	PolySpec LITE LATEX Lightweight Latex Modified Underlayment	Underlayment in dry spaces	<ul style="list-style-type: none"> MIL-D-3135 Type II, Class 1 	<ul style="list-style-type: none"> Lightweight Fast-setting Easy to install
	PolySpec CLAD Epoxy Underlayment	Under polymer coatings smooth and fair decks in wet & dry spaces suitable for general use or high impact areas	<ul style="list-style-type: none"> MIL-D-3135 Type I, Class II Type II, Class 2 	<ul style="list-style-type: none"> Moisture resistant Fast-setting High bond strength Low odor & 100% solids
	PolySpec 7K Deck Top Magnesite Insulation	Underlayment for A60 floors requiring insulation & fire proofing	<ul style="list-style-type: none"> MIL-D-23134 ABS Type Approval 	<ul style="list-style-type: none"> Extremely lightweight A-60 fire rated Insulating Sound deadening
	PolySpec FORANAFT Latex Mastic Underlayment	Underlayment for tile & terrazo in wet spaces Moisture resistant cementitious underlayment	<ul style="list-style-type: none"> MIL-D-3135 Type I, Class I 	<ul style="list-style-type: none"> Lightweight Fast-setting Easy to feather edge
Primer	PolySpec TITE M-50 Primer	Anti-corrosive primer for steel	<ul style="list-style-type: none"> MIL-C-24667A 	<ul style="list-style-type: none"> Anti-corrosive High bond strength

Experience • Integrity • Responsiveness

These are words we take seriously at PolySpec. Our company was founded on the principle of being attentive to customer needs. This is the basis for our existence and the reason for our success.

PolySpec is a leading manufacturer of polymer coatings, linings, flooring and sealants for construction and corrosion protection in industrial, institutional, commercial and marine markets. We differentiate ourselves in the marketplace by providing rigorous, consistent product quality, unparalleled customer service and technical support. Our goal is to provide innovative solutions to customer needs.

We are PolySpec. Welcome.



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