

NAVY BUYERS GUIDE

POLYSPEC[®] MARINE DECK COVERINGS FOR SHIPS

LIST OF MATERIALS MANUFACTURED & DISTRIBUTED, INCLUDING RESPECTIVE MILITARY SPECIFICATIONS AND APPROVALS

Trade Name and Generic Type	Specification or Approval	QPL (If Applicable)	Typical Use
UNDERLAYMENTS			
PolySpec [®] FORANAFT latex underlayment (light weight)	MIL-D-3135 <i>Type I, Class I</i>	QPL-3135	Underlayment for ceramic tile and terrazzo • Wet Spaces
PolySpec [®] LITE Latex rubber	MIL-D-3135, <i>Type II, Class I</i>	QPL-3135	Underlayment for resilient tile and matting. PolySpec [®] LITE can be feather-edged • Dry Spaces
PolySpec [®] CLAD epoxy underlayment	MIL-D-3135 <i>Type I, Class 2</i> <i>Type II, Class 2</i>	QPL-3135	Underlayment for ceramic tile and terrazzo • Wet spaces
DECK TOP INSULATION, BONDING AGENTS & WATERPROOF MEMBRANE			
PolySpec [®] 7K - A-60	MIL-D-23134	N/A	Underlayment for resilient tile and magnesite insulation underlayment seamless floors requiring <u>thermal</u> insulation in lieu of deck head insulation for use over tank tops • Dry spaces
PolySpec [®] GRIP	Component of other systems	N/A	Bonding agent to be used to bond bonding agent approved systems magnesite to concrete or to steel in lieu of deck clips
PolySpec [®] DEK Waterproof Membrane neoprene membrane	Component of other systems	N/A	Used to prevent moisture from being absorbed by underlayment • Wet spaces
INTERIOR DECKS/FLOORS — SOLID COLOR FUNCTIONAL SYSTEMS			
PolySpec [®] TUF latex mastic	MIL-S-3134 <i>Type II</i>	QPL-3134	Finished floor in wet spaces and <u>reefer boxes</u>
INTERIOR DECKS/FLOORS — MULTI-COLOR DECORATIVE SYSTEMS			
PolySpec [®] FLEX FR flexible epoxy vinyl chip (ultra lightweight)	MIL-D-24613 <i>Type I, Class 2</i> <i>Type II, Class 2</i>	QPL-24613	Flexible finished epoxy flooring • Dry spaces
PolySpec [®] LUX epoxy terrazzo type	MIL-D-3134 <i>Type I, Class 2</i> MIL-D-24613 <i>Type I, Class 3</i>	QPL-3134 QPL-24613	Finished flooring • Wet spaces & <u>mercury</u> handling areas
PolySpec [®] TWEDE quartz aggregate seamless	MIL-D-24613 <i>Type I, Class I</i>	QPL-24613	Finished flooring • Wet spaces & <u>mercury</u> handling areas
PolySpec [®] FLOR & vinyl chip epoxy seamless (ultra lightweight)	MIL-D-24613 <i>Type 1, Class 2</i>	QPL-24613	Finished flooring • Wet spaces & <u>mercury</u> handling areas

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AMMUNITION STORAGE DECKS/FLOORS			
PolySpec® Latex 12-X latex concrete	MIL-D-21631	QPL-21631	Finished flooring • Ammunition and cargo storage areas and reefer boxes
PolySpec® 7K ammunition type non-spark magnesite	MIL-D-18873	N/A	Finished flooring • Ammunition storage spaces and railroad box cars
NON-SKID DECKS/FLOORS			
PolySpec® TITE M-50 anti-corrosive marine primer	MIL-C-24667A (Navy)	Pending	Steel decks, interior and exterior • Flight deck landing area
PolySpec® SKID epoxy non-skid	MIL-C-24667A (Navy)	Pending	Steel decks, interior and exterior • Flight deck landing area
SEALERS & MAINTENANCE DRESSINGS			
PolySpec® Sealer 100 acrylic emulsion sealer	MIL-S-24522 MIL-D-3134 <i>Type 1, Class 1</i> system component	N/A	Floor and deck covering sealer • Maintenance dressing
700/710 Sealer clear epoxy resin gloss finish sealer	MIL-D-3134 MIL-D-24613 <i>Type 1, Class 2</i> system component	N/A	Used where glossy epoxy finish traffic surface is desired
1757 Epoxy Flat Finish flat finish epoxy resin sealer	MIL-D-3134 <i>Type 1, Class 2</i> system component	N/A	Used where flat epoxy finish traffic surface is desired • Adds uniformity and slip-resistance to glossy surfaces

NOTE: N/A is “Not Applicable.” Used where the U.S. Navy does not have a QPL for such products.

PLEASE NOTE: This guide is intended to aid buyers in matching specification numbers and product names only. It is not intended to be used as a designers’ guide. For design consultation, please call or write PolySpec®.

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