

DESCRIPTION

PolySpec 1757 is a flat finish polymer deck coating topcoat. This durable material withstands both wear from foot traffic and chemical attack. It cures to form a low gloss surface finish. PolySpec 1757 is on the Federal Governments qualified products list as a system component under MIL-D-3134 Type I, Class 2.

TYPICAL APPLICATION

Table with 2 columns: Application Layer and Product Name. Rows include Primer (PolySpec TITE M-50 @ 4-5 mils), Body Coat (PolySpec 400/410 or PolySpec Flex FR), and Top Coat (PolySpec 1757 @ 5 mils DFT).

PERFORMANCE DATA

Table listing performance metrics: Tensile Strength (1,200 psi), Flexural Strength (3,500 psi), Hardness (80), Bond Strength (950 psi), and Abrasion Resistance (80 mg).

STORAGE & INSTALLATION

Table listing storage and application conditions: Storage Environment (Dry area, 65-80°F), Application Temperature (50-95°F), Shelf Life (12 months), Pot Life (45 minutes), Foot Traffic (12 hours), and Full Service (24 hours).

Material cures more slowly at cooler temperatures, and working time will be substantially reduced at higher temperatures. In hot weather, material should be cooled to 65°F to 80°F prior to mixing and application to improve workability and avoid shortened pot life.

CONSIDERATIONS & LIMITATIONS

- 1. Do not use partial units. Prolonged exposure of product in containers to air may cause loss of clarity.
2. Do not apply to wet or damp substrates.
3. Do not apply where ambient operating temperatures exceed 150°F or where application temperatures are below 40°F or above 95°F.
4. Work area must be well ventilated. Fresh air fed respirators are recommended when working with this product.
5. Do not thin with solvents unless advised to do so by PolySpec.
6. Confirm product performance in specific chemical environment prior to use.
7. Prepare substrate according to "Surface Preparation" portion of this document.
8. Always use protective clothing, gloves and goggles consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest or inhale. Refer to Material Safety Data Sheet for detailed safety precautions.
9. For industrial/commercial use. Installation by trained personnel only.

PolySpec® 1757

TECHNICAL DATA SHEET

Flat Finish Epoxy Coating

BENEFITS

- Flat finish for non-glare surface
• Seamless, monolithic application
• Withstands mechanical damage from foot traffic and rubber wheel vehicles
• Resists many acids, alkalies and salts

RECOMMENDED USES

- Corridors
• Mess areas
• Kitchens
• Staterooms
• Infirmaries

GENERIC DESCRIPTION

Epoxy

STANDARD COLORS

Clear

PACKAGING / COVERAGE

1-Gallon Unit / 320 sq. ft



## SURFACE PREPARATION

**Over Epoxy:** This product is designed to be a final topcoat over a prepared epoxy flooring system. The floor top should be clean and free of debris. If PolySpec 1757 is applied within recoat window of the substrate coating, floor should be solvent wiped prior to application and allowed to dry. If coating is applied as a re-seal over existing deck, the substrate coating should be physically abraded using 100-150 grit sandpaper to remove any ground-in debris and to provide an adequate surface profile to promote adhesion. Entire area should be cleaned and solvent wiped prior to topcoat application.

**Refer to PolySpec Surface Preparation Guidelines for more details.**

## INSTALLATION STEPS

1. *Note: For use as a topcoat over epoxy coatings, apply within 24 hours of epoxy installation. After 24 hours lightly sand the coating and wipe with solvent. Once solvent has flashed, proceed with application of PolySpec 1757.*
2. Premix Components A Resin and Component B Hardener before using.
3. Pour Component B Hardener into the Component A Resin pail and mix well with a mechanical jiffy-type mixer operated at low speed for 1 minute. Wipe the sides of the pail with a scraper. Mix or an additional 1 minute.
4. The coating will be tack-free within 12 hours at 75°F.
5. Apply by short nap roller to surface once material is uniform on the deck lightly cross roll to give a uniform texture and film.  
*Note: Make sure all roller lines are rolled out so a uniform texture and film can be achieved.*
6. For best results, clean tools and equipment with PolySpec® All Purpose Cleaner, a nonflammable and non-evaporating cleaner. Always wear gloves when using this product.

C/DOC1757TDS04015-1106TDS

Rev 11/06

TuffRez and PolySpec are © Registered Trademarks of PolySpec L.P.

© Copyright 2005 PolySpec L.P. All rights reserved. Published technical data and instructions are subject to change without notice. Please visit the online catalog at [www.polyspec.com](http://www.polyspec.com) for the most current technical data and instructions. Or, you may contact your PolySpec representative for current technical data and instructions.

PolySpec, L.P. warrants its products to be free from defects in material and workmanship. PolySpec's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at PolySpec's option, to either replacement of products not conforming to this warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to PolySpec in writing within five days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify PolySpec of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

**PolySpec makes no other warranties concerning this product. No other warranties, either expressed or implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall PolySpec be liable for consequential or incidental damages.**

Any recommendation or suggestion relating to the use of the products made by PolySpec, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment changes in procedures of use, or extrapolation of data may cause unsatisfactory results. PolySpec cannot guarantee that color will conform to sample, if provided.

POLYSPEC L.P. • 6614 GANT ROAD, HOUSTON TEXAS 77066 USA • T: 281.397.0033 • F: 281.397.6512 • [www.polyspec.com](http://www.polyspec.com)