

# PolySpec<sup>®</sup> TITE M-50

## Anti-Corrosive Primer

### Product Specifications & Technical Data

#### Description

PolySpec TITE M-50 is a two-component epoxy maintenance primer, which cures to a hard tough film with excellent corrosion resistance.

#### Benefits

- Fast-setting
- High solids content
- Anti-corrosive

#### Recommended Uses

PolySpec TITE M-50 is recommended for protection of structural steel and equipment in industries with corrosive conditions. It is used prior to application of other PolySpec products on steel and equipment.

#### Limitations

Do not apply in temperatures less than 50°F or greater than 95°F. (Material cures slower at cooler temperatures and working time will be substantially reduced at higher temperatures.) Both components should be stored in a dry place at temperatures between 65° and 80°F. Do not thin with solvents unless advised to do so by PolySpec. Confirm product performance in specific chemical environment prior to use. Substrate temperature must be at least 5°F above the dew point.

#### Precautions

Always wear 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.

#### Standard Color

Light Gray

#### Typical Properties

Recommended Film Thickness	4–5 mils DFT
Solids of Mixed Material	81% ± 2%
Pot Life	30 min @ 75° F
Recoat time	10–16 hrs.
Full Cure	16–24 hrs.

The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.

#### Packaging

1.0 Gallon Unit (3.8 L)

#### Theoretical Coverage

350 sq. ft. (32.5 sm) per gallon @ 4–5 mils.

#### Installation Procedures

1. Prepare metal surface by removing oil or grease with clean rags soaked in an approved degreaser in accordance with SSPC-SP1. For more information, please refer to the PolySpec Guideline for Subfloor Preparation.
2. Metal surfaces: Mechanically abrade with a needle gun or blast to a commercial grade finish in accordance with SSPC-SP-6 to a degree of cleanliness in order to obtain a 1–2 mil blast profile.
3. Mix PolySpec TITE M-50, 4 parts resin to 1 part curing agent by volume. Mix thoroughly for 1-2 minutes with a jiffy mixer blade. Thinning is not normally required.
4. Apply using a medium bristle brush or good quality short nap roller. Avoid excessive brushing and rolling.
5. Allow to dry before application of next product.
6. For best results, clean tools and equipment with PolySpec All Purpose Cleaner. Always wear gloves when using this product.

## Warranty

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.

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