



System 365 HTTM

Palmer Contracting
105 N. 1st Street
#1710
San Jose
CA 95113

System 365 HT: An advanced, 100% solids, Titanium infused high-abrasion resistant, high heat resistant epoxy for the protection of steel and concrete. The coating is self priming and moisture insensitive.

Formulated and developed to be resistant to thermal and mechanical shock and displays excellent chemical resistance.

**When applying over concrete or heavily pitted steel substrates System 365 HT could be paired as part of a system with a liner like System EM.*

Tube Sheets	Water transport (Pipes)	Water storage Tanks
Wastewater Collection	High Heat and Steam Pipes	Mechanical Parts and Pumps
Industrial floors	Chemical Containment	Concrete/Steele

Technical Properties:

- Color: High Gloss Light Blue or White
- Volume Solids: 100%
- VOC: 0%
- Adhesion to Concrete: (ASTM D4541) Substrate Failure (>2,000 psi on steel).
- Shore D Hardness: (ASTM D2240) 85
- Tensile Strength: (ASTM D638) 8,900 psi
- Flexural/Compressive Modulus: (ASTM D790) >500,000psi
- Wear Resistance Loss: (ASTM 4060. 1,000 cycles) <0.2g
- Elongation(ASTM 2370): 7%
- Compressive Strength: (ASTM D695) >12,000 psi
- Water absorption: (ASTM 570) <0.008 g/sq.m.
- Permeance: (ASTM E96) < 0.01 Perms

Palmer Contracting warrants our products to be free of manufacturing defects in accord with applicable quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product . NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING SALEABLE OR SUITABLE FOR A PARTICULAR PURPOSE.



System 365 HTTM

Palmer Contracting
105 N. 1st Street
#1710
San Jose
CA 95113

Technical Application Data:

- Color: High Gloss Light Blue or White
- Application: Non-shedding roller, single component spray pump
- Application Temp: 50°F - 100°F
- Temperature Exposure (dry): -15° – 240° F)
- Temperature Exposure (wet): 360° F - Max
- Volume Solids: 100%
- Recoat Time: 4 - 48 Hours @ 75°F
- Cure for use: @ 75°F, 8 hours firm (24 hours return to service)
- Recommended Thickness (DFT): 15-30mils/coat @ 50-100 sq. ft. per gallon
- **Mix Ratio: 2:1 by volume**
- Packaging: 1 Gallon Units and 5 Gallon Units
- Pot Life 30 minutes @ 75°F
- Shelf Life: 48 months if stored correctly

Surface Preparation:

Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Concrete & Masonry: SSPC-SP13/NACE 6, (ICRI No. 310.2R, CSP 3-5)

Steel: Blast to a “commercial” (SSPC-SP6) or “Near White” (SSPC-SP10) blast finish.

Mixing and Application: Mix part A thoroughly on its own. Add 2 parts part A to one part B together and mix under slow mixing speed (no more than 600 rpm).

If spraying or rolling, up to half a pint of MEK or other approved solvent can be added per 1 gallon of material. If 2 coat system is applied, each coat should be between 15 and 20 mils application thickness totaling 30-40 mils, or as specified.

If Spraying:

Use Single component sprayer with following characteristics:

- 0.30 - 45 orifice spray tip or greater
- 45:1 ratio spray pump or greater
- 3/8” hoses, with 1/4” whip.

Palmer Contracting warrants our products to be free of manufacturing defects in accord with applicable quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING SALEABLE OR SUITABLE FOR A PARTICULAR PURPOSE.