Multi-Polymer Resin Coating

Product: PT-805 High Heat Coating is a Multi-Polymer Resin Coating.

Other products used with PT-805: Reducer PT-1002

Typical Uses:

PT-805 is a tough, flexible, abrasion and corrosion resistant coating finding wide use in the following applications:

Metal Exhaust Stacks	Heat Exchangers
Engine Mufflers	Oven Coatings (inside or outside)
Jet Engine Parts	Exhaust Driven Compressors
Heat Exchange Manifolds	High Temperature Equipment

Physical Properties:

PT-805 is a Multi Polymer coating which affords continuous service up to a temperature of + 1000° F. This coating offers intermittent service to + 1600° F. **PT-805** has excellent weathering and corrosion resistance on both interior and exterior applications. This coating is supplied with aluminum pigmentation for operation at the above temperature ranges, however a full color selection is available at operating temperatures up to 500°F.
Coverage is approximately 450 square feet per gallon per mil. Thickness per coat is approximately 1 mil.

Resistance Properties:

Pencil Hardness	5H
Gloss Retention	Good to 700°F.
Salt Spray Resistance	Unaffected in 1000 hours.
Flexibility	Unaffected ¼" Mandrel
Temperature Range	Continuous -65° F. to 1000° F.
Impact Resistance	Excellent
Adhesion	Excellent

Application

Cleaning

Degrease, Grit Blast or Solvent Wipe substrate.

Use of Primer

N/A

PTI
PRODUCTS TECHNIQUES INC.
Specialty Paint & Protective Coatings

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Mixing

No thinning normally required. If thinning is desired use **PT-1002** solvent blend as required for your application.

Method of Application

Apply by spraying.

Curing

Dry Time:	
Tack Free	20 minutes
Free to Handle	2 Hours
Force Dry to Handle	30 minutes @ 200°F.
Full Cure	1 to 2 hours at 482°F.

NOTE: The foregoing is accurate to the best of our knowledge. However, conditions of use, storage and handling do affect the performance of the coating. Since these factors are beyond our control we do not guarantee individual results. For satisfactory results, PTI reducers must be used as recommended.