



Pitt-Tech® DTM Industrial Enamels *90-374 (gloss), 90-474 (satin), 90-712 (primer)*

Pitt-Tech Enamels are 100% acrylic waterborne coatings developed for direct-to-metal application. Pitt-Tech will provide excellent corrosion protection, chemical and impact resistance in light to moderate industrial applications. Its advanced waterborne technology and low VOC make it ideal for environmentally sensitive projects.

B E N E F I T S

- Direct-to-metal application
- Flash rust resistant
- Excellent block resistance
- Withstands repeated cleanings
- Fast drying - same day recoat
- Excellent color and gloss retention
- Available in ready-mixed safety colors
- Unlimited color range with Pittsburgh® Paints' Voice of Color tinting system
- Pitt-Tech Paint Conditioner improves flow and leveling in hot, dry weather
- Pitt-Tech Primer/Finish available in three colors - red, white and gray



Pitt-Tech DTM Industrial Enamels

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TECHNICAL DATA

Recommended Uses

Recommended for areas that require a fast-drying, low odor coating. Ideal for direct-to-metal applications in light industrial environments, including hospitals and schools.

Gloss Level

Available in a high gloss (80-100) and satin finish (20-40) 60° measurements

Dry Time Primer and Finish

Dry to Touch - 1 hour
 Dry to Handle - 4 hours
 Dry to Recoat - 4 hours
 (@77°F 50% RH)

Mixed VOC

90-374: 1.66 lbs./gal - 199.00 g/l *
 90-474: 1.87 lbs./gal - 224.00 g/l **
 90-712: .97 lbs./gal - 116.00 g/l ***

Volume Solids

90-374: 36.3% +/- 2% *
 90-474: 37.5% +/- 2% **

Weight Solids

90-374: 47.4% +/- 2% *
 90-474: 48.7% +/- 2% **

Recommended Wet and Dry Film Thickness

90-374: Wet Mil: 5.5 - 8.3 mils *
 Dry Mil: 2.0 - 3.0 mils
 90-474: Wet Mil: 5.3 - 8.0 mils **
 Dry Mil: 2.0 - 3.0 mils

Coverage

90-374: 193 to 292 sq. ft./gal. at recommended DFT *
 90-474: 200 to 303 sq. ft./gal. at recommended DFT **

*Product data calculated on 90-374

** Product data calculated on 90-474

*** Product data calculated on 90-712

COMPARE PITT-TECH TO A LEADING COMPETITOR

Salt Spray Cabinet Testing - ASTM B117

Rusting was rated according to ASTM D610 and blistering was evaluated according to ASTM D714.

Exposure Hours	Topcoat Only				Topcoat and DTM Primer			
	Rust Ratings		Blister Ratings		Rust Ratings		Blister Ratings	
	Pitt-Tech 90-474	Leading Competitor	Pitt-Tech 90-474	Leading Competitor	Pitt-Tech 90-474	Leading Competitor	Pitt-Tech 90-474	Leading Competitor
48	9	6	10	8D	10	10	10	10
120	6	4	8F	4D	8	10	10	10
144	6	2	8F	3D	8	10	10	10
192	5	1	8M	2D	8	10	10	10
288	3	1	6D	2D	8	10	10	9M

Humidity Cabinet Testing - ASTM D2247

Rusting was rated according to ASTM D610 and blistering was evaluated according to ASTM D714.

Exposure Hours	Topcoat only				Topcoat and DTM Primer			
	Rust Ratings		Blister Ratings		Rusting Ratings		Blister Ratings	
	Pitt-Tech 90-474	Leading Competitor	Pitt-Tech 90-474	Leading Competitor	Pitt-Tech 90-474	Leading Competitor	Pitt-Tech 90-474	Leading Competitor
48	10	8	10	10	10	10	10	6D
120	10	7	10	10	10	10	10	4D
144	10	7	10	10	10	9	8M	3D
192	10	7	10	10	10	9	8D	3D
288	10	6	9D	8M	10	9	7D	2D

For strictly regulated VOC markets or the most current technical data, check the technical data sheet on the website or phone number listed below.



The Evolution of High Performance

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