



Pitt-Guard® Direct-To-Rust Epoxy Mastic *97-145 Series* Pitt-Guard® All Weather Direct-To-Rust Epoxy *97-946 Series*

Pitt-Guard DTR Epoxy Coatings are our most chemical resistant products - ideal for the harshest environments including immersion. Pitt-Guard is designed for use on interior and exterior surfaces where a high-build barrier coating is required. It is excellent for application over tightly adhering rust and to surfaces that cannot be abrasive blast cleaned.

B E N E F I T S

- Barrier coat corrosion protection
- All ready mix colors are approved for immersion service
- Long re-coat window - 30 days
- Maximum surface protection with minimal surface preparation
- Low VOC
- 97-946 Series will cure at low temperatures - down to 32° F
- Does not require a finish coat



AFTER

BEFORE

Pitt-Guard® Direct-To-Rust Epoxy Mastic 97-145 Series

Pitt-Guard® All Weather Direct-To-Rust Epoxy 97-946 Series

TECHNICAL DATA

Recommended Uses

Recommended for areas where one coat high build barrier type protection is needed. Particularly suited for application to rusty surfaces and areas that require maximum chemical and abrasion resistance.

Gloss Level

These are semi-gloss products

Dry Time

Refer to comparison chart for dry times

Mixed VOC

97-145 Series: 1.07 lbs./gal - 128 g/l*
97-946 Series: 2.18 lbs./gal - 261 g/l**

Volume Solids

97-145 Series: 84.9% +/- 2%*
97-946 Series: 70.3% +/- 2%**

Weight Solids

97-145 Series: 91.4% +/- 2%*
97-946 Series: 81.7% +/- 2%**

Recommended Wet and Dry Film Thickness

97-145 Series: Wet 5.9 - 8.2 mils* Dry 5.0 - 7.0 mils
97-946 Series: Wet 7.0 - 10.0 mils** Dry 5.0 - 7.0 mils

Coverage

97-145 Series: 195 - 272 sq. ft. per gallon theoretical*
97-946 Series: 160 - 225 sq. ft. per gallon theoretical**

* Product data calculated on mixed 97-145

** Product data calculated on mixed 97-948

Thinning

Refer to Technical Data Bulletins

Mixing Instructions

Mix both components thoroughly before blending.*
Add Component "B" to Component "A" and blend well using a mechanical mixer. Tint bases require a 30 minute digestion time.

*If 97-723 accelerator is used with 97-145 Series, add it to the "A" component and mix well prior to the addition of "B" component.

Mix Ratio

1:1



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A Comparison of Pitt-Guard Direct-To-Rust Epoxies

Property	Regular DTR	All Weather	Rapid-Coat
Field Tinting Capability	Full Range of Tinted Colors and Ready-Mix	None (Ready-Mix only)	Full Range of Tinted Colors and Ready-Mix
Low Temp Cure @ 32° F	97-723 Accelerator Required (@ 35° F)	Best	Best
Dry Times	@ 77° F @ 32° F	@ 77° F @ 32° F	@ 77° F @ 32° F
To Touch	8 hours 24 hours	4 hours 16 hours	4 hours 16 hours
To Handle	16 hours 41 hours	3 hours 3 days	8 hours 3 days
To Recoat	16 hours When dry to handle	3 hours When dry to handle	3 hours When dry to handle
Volume Solids	84.9% +/- 2.0%	70.3% +/- 2.0%	70% +/- 2.0%
Adhesion	Excellent	Excellent	Excellent
Abrasion Resistance *	Very Good (92 mg)	Very Good (82 mg)	Very Good (99 mg)
Hardness	Very Good (2H)	Excellent (4H)	Very Good (2H)
Corrosion Resistance	Excellent	Excellent	Very Good
Chemical Resistance			
Acids	Excellent	Excellent	Very Good
Bases	Excellent	Excellent	Excellent
Solvents	Very Good	Excellent	Good
Salts	Excellent	Excellent	Excellent
Immersion	Yes (Ready Mix Colors Only)	Yes	No

*CS-17 Wheel 1000 cycles with 1000 gram load

PRODUCT SELECTION GUIDE

Pitt-Guard Direct-To-Rust Epoxy Mastic

PRODUCT CODE	DESCRIPTION	ONE GALLON	FIVE GALLON
97-144	Black Component "A"	X	X
97-145	Porcelain White Component "A"	X	X
97-147	Beige Component "A"	X	X
97-148	Gray Component "A"	X	X
97-149	Ready Mix Component "B"	X	X
97-1500	Neutral Base Component "A"	X	X
97-1512	White Base Component "A"	X	X
97-158	Tint Base Component "B"	X	X

Pitt-Guard All Weather Direct-To-Rust Epoxy

PRODUCT CODE	DESCRIPTION	ONE GALLON	FIVE GALLON
97-946	Primer White Component "A"	X	X
97-948	Gray Component "A"	X	X
97-949	Component "B"	X	X

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