

PRODUCT

INFORMATION



Techgard®

Quick Dry Enamel

- | | |
|-----------------------|---------------------------|
| S7711-White/Tint Base | S7703-Equipment Green |
| S7706-Ford Blue | S7710-Gloss Black |
| S7713-Deep Base | S7714-Int'l Harvester Red |
| S7715-Safety Yellow | S7717-Caterpillar Yellow |
| S7720-Flat Black | S7730-Machine Tool Gray |
| S7770-Neutral Base | S7770-Machine White |

DESCRIPTION :

Techgard® Quick Dry Enamel is a fast drying, industrial finishing enamel intended for coating various metals. This technology is ideal for OEM and metal fabrication.

USES :

- | | |
|------------------|----------------|
| Metal parts | Farm equipment |
| Implements | Drums |
| Waste Containers | Handrails |
| Machinery Hoists | Shop equipment |
| Metal Products | Ventilators |

SIZES : Available in 1 gallon containers.

GENERAL SURFACE PREPARATION :

Surface must be free of dirt, oil, moisture, grease, and other contaminants.

Ferrous Metal should be cleaned according to SSPC-SP1 and/or SSPC-SP2. For optimum protection blast clean according to SP-6. Apply over recommended shopcoat or corrosion resistant primer.

Aluminum should be cleaned according to SSPC-SP1. For optimum protection blast clean according to SP-6. Must be applied over quality acrylic primer system such as Steeltech Latex Wash Primer.

TECHNICAL DATA

- Vehicle:** Alkyd
- Components:** Complete bases along with key package colors
- Sheen:** 80 @ 60°
- Flash Point:** 45°F
- % Vol Solids** 29% +/- 2%
- VOC Level:** 4.95 lbs./gal. (594 gm/l) maximum

Rec. Film

Thickness: 3.5 - 5.0 wet film
.8 - 1.2 dry film

Spreading Rate: 465 square feet at 1.0 dry film thickness

Shelf Life: 24 months

Application: Recommended Equipment

Drying Time @ 77°F (25°C): To touch 5-10 minutes. Tack free: 10-15 minutes. To recoat 30 minutes.

Thinning: Not required

Cleanup: Techguard Reducer #3.

Limitations: NOT INTENDED FOR IMMERSION SERVICE. Do not apply when surface temperature is less than 5°F (3°C) above the dew point. Do not apply when surface temperature is less than 50°F

Heat Resistance: Up to 200°F dry heat

Technical Information Line:
1-800-BUY-PRAT (1-800-289-7728)

Website Address:
www.prattandlambert.com

Application:

Airless:	Pressure	1800 psi
	Tip	.03" - .017"
	Filter	Fine
	Hose:	1/4" ID
Conventional:	Atomization Pressure	40-50 psi
	Fluid Pressure	8 - 10 psi
	Aircap	63PB
	Fluid Cap	63C
Brush	Natural Bristle Brush (Thinning not recommended)	
Roller:	phenolic core (Thinning not recommended)	

PHYSICAL TEST DATA*

- Salt Fog (ASTM B-117): Passes 100 hours
- Chemical Resistance: (24 hr. Spot Test)
 - 50% Sodium Hydroxide Very Good
 - Motor Oil Good
 - Water Very Good
 - Ammonia Good
 - Acids Poor

*Testing based on:

- one coat at 1.0 mils DFT
- steel substrate (smooth)
- SSPC SP-1 surface preparation

RECOMMENDED SYSTEMS

FERROUS METAL:

(mild environments- indoors)

- 1 or 2 coats Steeltech® Quick Dry Shopcoat Primer S3102 or S4501 at 2.0 - 3.0 mils DFT

(and)

- 1 or 2 coats Techgard® Quick Dry Enamel at .8 - 1.2 DFT.

FERROUS METAL:

(moderate environments- exterior exposure)

- 1 coat Steeltech® Universal Primer S4751 or S4752 at 3.0 -4.0 mils DFT

(and)

- 1 or 2 coats Techgard® Quick Dry Enamel at .8 - 1.2 DFT.

For Additional Recommended Coating Systems Contact Your Pratt & Lambert Sales Executive.

