



Simco
We've Got You Covered

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POLYTUFF-860
POLYURETHANE ENAMEL

Description: Polytoff-860 is a gloss alkyd finish coating possessing good color and gloss retention for interior or exterior applications. Designed for application over alkyd primers.

Recommended Uses: A general purpose, economical topcoat for uses over primed steel substrates where good appearance is desirable. May be used in general working areas, on support beams, stationary and movable equipment and wherever exposure to direct sunlight and rain is expected.

Technical Data

Generic Type:	High gloss alkyd finish.		
Color and Finish:	Consult Color Card; gloss		
Application Temperature	<u>Normal</u>	<u>Minimum</u>	<u>Maximum</u>
Ambient Air:	60-100° F	50° F	110° F
Material:	50-90° F	40° F	110° F
Surface:	50-90° F	35° F	120° F
Humidity:	10-80%	0%	85%
Temperature Resistance:			
Continous:	175° F		
Intermittent:	225° F		
Percent Solids by Volume:	40-45 depending on color		
Theoretical Coverage:	642 sq. ft. per gal @ 1 mil		
Flash Point:	50° F		
Recommended DFT:	1.5-2.0 mils		
Wet:	4-5 mils		
Dry:	1.5-2.0 mils		
Drying Time:		at 70° F	at 90° F
To touch:	4 hrs	2 hrs	45 min
To handle:	6 hrs	3 hrs	2 hrs
To recoat:	24 hrs.	8 hrs.	4 hrs.
Non-Immersion:	72 hrs.	24 hrs.	18 hrs.
Immersion	-	-	-
Shelf Life:	18 months		
Recommended Thinner:	T-1 Thinner for Enamel		

Surface Preparation:

All surfaces must be clean, dry and free from all loose rust, scale, paint or oil. For best result abrasive blast SSPC-SP6 commercial.

Application:

Brush, roller, spray.

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Non-Warranty:

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