

STEEL TUFF-316

10-0320 STAINLESS STEEL GRAY

DESCRIPTION	Steel Tuff-316 is a hard, single package, water reducible, acrylic emulsion pigmented with alloy 316 stainless steel flake. It is non-flammable, low VOC, and offers high corrosion resistance and long term durability. It has superior adhesion and good abrasion resistance. It can be used direct to metal but has better performance if the metal is primed.
USES	A liquid stainless steel coating that can be used as a direct to metal primer and/or topcoat on properly prepared steel, galvanized steel, tin, aluminum and concrete. It can also be used as a topcoat over primed steel surfaces and most previously painted surfaces in corrosive atmospheres. It's very hard film characteristics make it ideal for OEM's wanting to paint component parts and get them to assembly quickly.
APPEARANCE	Low sheen metallic gray
RECOMMENDED PRIMERS	Prime Solution-5250, Steel Plus Epoxy
PHYSICAL PROPERTIES	
WEIGHT PER GALLON	9.7 lbs.
SOLIDS BY WEIGHT	36%
SOLIDS BY VOLUME	28%
RECOMMENDED DFT	2.0 mils Dry Film Thickness
WET FILM TO ACHIEVE DFT (Unthinned material)	8.0 mils
THEORETICAL COVERAGE. @ 1 Mil DFT	448 sq. ft./gallon
PRACTICAL COVERAGE @ RECOMMENDED DFT (Assumes 15% material loss)	190 sq. ft./gallon
DRY TIMES @ 70°F - 80° F (21°-27°C) AND 50% RH	Tack Free 15-30 minutes Handle 1/2-1 hour Recoat 1-2 hours Fully Cured 7 days (can be accelerated)
DRY HEAT RESISTANCE	350° F
SHELF LIFE	2 years
PACKAGING	Gallon, 5 Gallon and 55 Gallon Drum
SURFACE PREPARATION	
GENERAL	Quality paint jobs occur with quality preparation, products and application. Quality preparation includes cleaning the surface to be painted to remove all contaminants by washing with BC4000 or other suitable cleaner. Thoroughly cured old coatings may require scuff sanding for maximum adhesion.
APPLICATION	Apply only when air and surface temperatures are between 50° F and 100°F and surface temperature is at least 5° F above the dew point.

THINNING needed.	ROLLER/BRUSH -	Fresh Water	Thinning is normally not required. Use 5%-10% if (approximately 1/2 pint per gallon)
needed .	AIR-ATOMIZED SPRAY - HVLP	Fresh Water	Thinning normally not required. Use 5%-10% if (approximately 1/2 pint per gallon)
	AIRLESS SPRAY - AIR ASSISTED AIRLESS	Fresh Water	Thinning normally not required, use 5%-10% if needed (approximately 1/2 pint per gallon)
	CLEANUP	Fresh Water	

EQUIPMENT RECOMMENDATIONS

BRUSH	Use good quality synthetic bristle brush.
ROLLER	Use good quality synthetic roller cover.
AIR ATOMIZED SPRAY	Follow equipment manufacturers nozzle and needle selection recommendation for use with medium viscosity paint.
AIRLESS SPRAY	Use .019 to .023 tip at 2000 to 2500 psi.
HOT SPRAY	Recommended temperature 100° F to 120 F.

SAFETY INFORMATION

VOC	1.82 lbs per gallon less water, 218 grams per liter less water.
FLASH POINT	Non-Flammable
USDA	Authorized by USDA for use in federally inspected meat and poultry plants

WARNING

Do not take internally. Close containers tightly after use and keep upright. In case of spillage absorb and dispose of in accordance with local applicable regulations. California Prop 65 Warning: Detectable amounts of chemicals known to the state of California to cause cancer, birth defects or other reproductive harm, may be found in this product or it's vapors.

For specific information refer to the **Material Safety Data Sheet**.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN
PRODUCT ORDERING INFORMATION: STEEL TUFF-316

Product Number Quantity	Size	Wt./Case	Case
10-0324-01	Gallon	41	4
10-0324-05	5 Gallon	51	1
10-0324-55	55 Gallon	575	1

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