

SILVER BULLET AM®-316

AGION® ANTIMICROBIAL PROTECTED GLOSS EPOXY with Type 316

Stainless Steel Flake for HVAC ducting

10-820AM Stainless Steel Gray

DESCRIPTION

2 to 1 mix Stainless Steel Pigmented Water Base Epoxy

USES

A tough, heavy duty, extremely chemical resistant epoxy designed for maximum performance in severe environments. It contains both a bactericide to protect against over 650 strains of bacteria and a fungicide protect against mold, mildew and algae.

APPEARANCE

Semi Gloss Stainless Steel Gray

RECOMMENDED PRIMERS

Steel Plus Epoxy Primer, Prime Solution 5250 Red / 5253 Gray or direct to properly cleaned aluminum, steel or galvanized surfaces

PHYSICAL PROPERTIES

WEIGHT PER GALLON	9.5 lbs.
SOLIDS BY WEIGHT	44.2%
SOLIDS BY VOLUME	35.6%
RECOMMENDED DFT	1.0 mils
INDUCTION TIME	NONE
WET FILM TO ACHIEVE DFT	1.5 to 3 mils
COVERAGE @ 1 Mil DFT	570 sq. ft./gallon
DRY TIMES @ 70°F - 80°F (21° - 27°C) AND 50% RH	Tack Free 1 hour Handle 2-4 hours Recoat 2 hours Fully Cured 7 days (rate can be accelerated) Heat cure @ 175°F for 30 minutes
POT LIFE	4 hours with no reduction of gloss
DRY HEAT RESISTANCE	300° F
SHELF LIFE	1 years
PACKAGING	1 gallon kit, 5 gallon kit

SURFACE PREPARATION

All Surfaces: Surface prep is one of the most important steps for a successful paint job. If the surface is not adequately cleaned, then a future paint failure could occur. Remove all grease, oils, salts and other contaminants by washing with Burke BC4000 cleaner thinned from 5 parts water to 1 part cleaner up to 9 parts water to 1 part water. More contaminants require a stronger mix. Spray the cleaner on and wipe with clean rags. If you notice any cratering or crawling of the coating on application, STOP and rewash entire surface. Extremely smooth or slick metal 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

ROLLER/BRUSH	Use as mixed. Thin with water as needed.
AIR-ATOMIZED SPRAY	Thin 10% with water if needed.
AIRLESS SPRAY	Normally not needed.
CLEANUP	Soap and water.

EQUIPMENT RECOMMENDATIONS

BRUSH	Quality synthetic bristle brush
ROLLER	Use good quality roller cover.
AIR ATOMIZED SPRAY	Follow equipment manufacturer's nozzle and needle selection recommendation for use with medium viscosity paints. Spray at a starting pressure of 45-60 PSI (adjust pressure and fluid as needed) For maximum yield: use a Binks 63ss tip with a .028 (0.7mm) orifice (12 oz. flow rate)
AIRLESS SPRAY	1800 - 2400 psi with a .017 to .021 tip.
HOT SPRAY	120°F

SAFETY INFORMATION

VOC	167g/l or 1.39 # per gallon
FLASH POINT	N/A
WARNING	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 its vapors.

For specific information refer to the Material Safety Data Sheet.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

PRODUCT ORDERING INFORMATION:

	Product Number	Size	Wt./Case	Case Quantity
Stainless Gray	10-820AM-F1	Gallon kit	39	4
Stainless Gray	10-820AM-F5	5 Gallon kit	51	1