

CLEAN



PROTECT



TEST

SILVER BULLET AM® CLEAR HVAC ANTIMICROBIAL GLOSS EPOXY FOR HVAC DUCTING

20-451AM CLEAR

WE DO NOT RECOMMEND THE USE OF SILVER BULLET AM® IN EXTERIOR APPLICATIONS

DESCRIPTION	2 to 1 mix Water Base Epoxy protected with Agion® Silver Antimicrobial Type AC
USES	A tough, heavy duty, extremely chemical resistant epoxy designed for maximum performance in severe environments. It contains a compound to protect the coating against bacteria, mold, mildew, fungi and algae.
APPEARANCE	Gloss Clear
RECOMMENDED PRIMERS	Steel Plus Epoxy Primer or direct to properly cleaned metal.
PHYSICAL PROPERTIES	
WEIGHT PER GALLON	8.85 lbs.
SOLIDS BY WEIGHT	39%
SOLIDS BY VOLUME	34.5%
RECOMMENDED DFT	1.0 mils
INDUCTION TIME	NONE
WET FILM TO ACHIEVE DFT	3 mils
THEORETICAL COVERAGE @ 1 Mil DFT	550 sq. ft./gallon
PRACTICAL COVERAGE @ RECOMMENDED DFT	550 sq. ft./gallon
DRY TIMES @ 70°F - 80°F (21° - 27°C) AND 50% RH	Tack Free 20-60 minutes Handle 2-4 hours Recoat 1 hours after dry to touch Fully Cured 7 days (rate can be accelerated) Heat Cure 175 degrees F for 30 minutes after a 15 minute flash time
POT LIFE	4 hours with no reduction of gloss (subject to temperature and humidity conditions)
DRY HEAT RESISTANCE	300° F
SHELF LIFE	1 year (single component - not mixed)
PACKAGING	1 gallon, 5 gallon

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.

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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 .013to .015 tip.

HOT SPRAY

120°F

SAFETY INFORMATION

VOC

171g/l or 1.45 # 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
20-451AMHVAC-F1	1 Gallon	37	4
20-451AMHVAC-F5	5 Gallon	48	1