

DESCRIPTION

Waterbase bright white high solids strippable booth coating

USE/BENEFITS

Carbicote 942 Bright White High Solids Strippable Coating protects spray booth surfaces from hazardous overspray accumulations. It is a temporary coating that is stripped during booth maintenance and new 942 reapplied.

- 44% Volume Solids yields fast dry, high film build and great coverage.
- Water based, nonflammable, nonhazardous, environmentally low in VOC and easy to cleanup.
- Freeze/thaw stable and heat resistant.
- Bright white pure titanium pigment increases brightness and improves working conditions.
- Strong film peels readily from galvanized steel and other booth surfaces.
- Sprays easily with airless, HVLP and conventional equipment. For roller application, use a 1/2"-3/4" nap cover.

HEAT RESISTANCE

Heat tested for over 700 cycles from room temperature to 150°F (65°C) for 20 minutes.

PREPARATION

Remove surface contaminants including dirt, grease, oil, soap residue, wax and loose paint. The booth surface should be clean and smooth in order for the booth coating to release properly when peeled. If the booth is coated with old paint or overspray, remove buildup by scraping or wire brushing. Use 920 Booth Prep Coat to fill in the scratches and surface defects in the booth panels to aid the booth coating's release. Refer to the 920 PDS for additional information. Booth panels that are not in good condition will also need more booth coating to provide a stronger dried film for better peel.

APPLICATION

Apply when the air, product, and surface temperatures are above 60°F (15°C) and at least 5°F (3°C) above the dew point. Do not reduce. Increase pressure or airless tip or fluid nozzle diameter size first. For conventional pressure tanks, 942 can be reduced 1/4 gal per 5 gal with water to lower viscosity. Mix well. Typical spray setups are in table.

Spray Type	Material Supply	Tip or Nozzle Size	Fluid Pressure	Air Pressure
Airless	Airless Pump	.015" - .019"	1200 psi - 2000 psi	n/a
HVLP	Pressure Tank	1.4-1.8 mm	5-10 psi	30-40 psi
Conventional Pressure	Pressure Tank	1.4 mm-1.8 mm	5-10 psi	35-45 psi

DRY TIME

Normal 77°F (25° C), 50% R.H. 942 dries in approximately 30 minutes @ 2 mils dft. Booths can be put back in service in one hour. Dry times will be extended by high humidity, cold temperatures and increased film thickness.

PRODUCT LIMITATIONS

Surfaces other than galvanized steel should be pretested first for peelability. For white powder coated steel booths, use 945 Crystal Clear; consult PDS. Thick overspray accumulation or "shell hardening" requires 3-4X recommended film thickness and 920 Booth Prep Coat as a minimum for nominal release. More frequent booth maintenance is recommended. If surface is questionable, pretest a small area first. Contact Carbit Carbicote Sales for additional information.

SAFETY AND CLEANUP

PROTECT FROM FREEZING. CAUTION! Do not take internally. KEEP OUT OF THE REACH OF CHILDREN. Consult product SDS for additional warnings and precautions. Clean equipment promptly with warm soapy water.

TYPICAL PROPERTIES			
PRODUCT NO/COLOR	942 Bright White	FLASH POINT	>212° F, Seta Flash Closed Cup
GLOSS	20-30 (60° Head)	PACKAGING	55 gal, 5 gal, 1 gal
SOLIDS BY WEIGHT	54%	THEORETICAL COVERAGE	729 ft ² /gal @ 1.0 mil (.001") dft
SOLIDS BY VOLUME	44%	RECOMMENDED COVERAGE (apply two light coats criss-crossed)	103 ft ² /gal @ 5 mils dft with 30% transfer loss*
VISCOSITY	64-66 KU	VOC	46 g/l .39 lbs/gal
WT/GALLON	10.2 lbs.	SHELF LIFE	1 year inside storage room temp.

* The Carbicote Gallon Calculator uses a 30% spray equipment transfer loss to calculate ft²/gal and gallons required for 942 for clean galvanize. If the booth's surface condition is substandard, and the transfer loss >30%, apply more coating.