

Silvercoat-WB

Acrylic Enamel Coating



Product Silvercoat-WB Acrylic Enamel Coating

Item Class Specialty Coating

Silvercoat-WB is a single coat application system developed for aircraft wheels, brakes and other components. This primer/topcoat all-in-one product has excellent adhesion and coverage properties.

Specifications Product is manufactured to meet the performance requirements of the following specifications:

MIL-PRF-81352C Ty I

Additives Thinner

CM155

Use of Primers Please contact your local 3Chem representative for a complete list of zinc and epoxy primers which may be utilized with this system.

Surface Preparation Prepare substrate per OEM requirements. Contact your local 3Chem representative for assistance.

Mixing Instructions

Base	Thinner (Optional)	Mix Ratio
SILVERCOATWB	CM155	1:15 (Max)

Spraying Viscosity 17-19 Seconds with #2 Zahn cup, Semi-Gloss

Film Thickness 1-1.5 Mils DFT (2 Coats @ 1-1.5 DFT) Wet film thickness should be 1.5-2 mils total between 2 coats

Application Instructions

Temperature and Humidity	Minimum	Maximum
Temperature Celsius	11°	35°
Temperature Fahrenheit	52°	95°
Humidity	33%	74%

Spray Equipment

Spray Gun Type	Tip/Nozzle Size	Cap Pressure	Pot Pressure
Conventional Air	1.3 - 1.6 mm	40 to 60 psi	10 to 20 psi
HVLP	1.4 - 1.6mm	10 psi Maximum	10 to 20 psi
Electrostatic	1.2 - 1.5mm	45 to 60 psi	10 to 40 psi

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Application Instructions

Dry Times

Temperature (Min/Max)	Thinner	Dust Free	Dry Hard	Full Cure
52-95°F (11-35°C)	CM155	10 Minutes	30 Minutes	18 Hours

Apply one coat of material using a uniform spray pattern. Take care not to leave any dry areas or spots. Wet these areas again if necessary, to assure a uniform finish. Wait appropriate dry to tape or dry to handle time based on chart above.

Theoretical Coverage 300-350 sq. ft / gallon @ 1 mil 8-9m² / liter @1 mil
*Coverage based on 100% transfer efficiency rate

Color Aluminum

Gloss 90 minimum @ 60 degrees

Volatile Organic Compound 290 – 338 g/l

Shelf Life 24 Months (When stored in climate-controlled environment between 60-80° F)
*Product may be re-certified upon inspection by 3Chem.

Safety Instructions Always read material safety data sheet (SDS) and product label before utilizing this product. Product SDS is available upon request.

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